

```
-----  
-- Archivo creado - domingo-junio-10-2012  
-----
```

```
-----  
-- DDL for Table CARBO  
-----
```

```
CREATE TABLE "SYSTEM"."CARBO"  
( "CENTRALPR_CODIC" VARCHAR2(50 BYTE),  
  "KGEMISSIOCO2" NUMBER(*,0)  
 ) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING  
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)  
TABLESPACE "SYSTEM" ;
```

```
-----  
-- DDL for Table CENTRALETA  
-----
```

```
CREATE TABLE "SYSTEM"."CENTRALETA"  
( "ADRECA" VARCHAR2(80 BYTE),  
  "LINIACOM_CODI" NUMBER(*,0),  
  "LINIACOM_CENTRALPR_CODIC" VARCHAR2(50 BYTE),  
  "MAXIMKWH" NUMBER(*,0)  
 ) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING  
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)  
TABLESPACE "SYSTEM" ;
```

```
-----  
-- DDL for Table CENTRALPR  
-----
```

```
CREATE TABLE "SYSTEM"."CENTRALPR"  
( "CODIC" VARCHAR2(50 BYTE),  
  "ADRECA" VARCHAR2(80 BYTE),  
  "LOCALITAT" VARCHAR2(80 BYTE),  
  "PAIS" VARCHAR2(80 BYTE),  
  "ENERGIAMAXIMA" NUMBER(*,0),  
  "DATADARRERAINSPECCIO" DATE
```

```
    ) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;
```

```
-----
-- DDL for Table CENTRAL_PR_ANY
-----
```

```
CREATE TABLE "SYSTEM"."CENTRAL_PR_ANY"
(  "CENTRALPR_CODIC" VARCHAR2(50 BYTE),
   "ESTADISTIC_4_5_ANY" NUMBER(*,0),
   "TOTAL_GENERACIO" NUMBER(*,0)
) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;
```

```
-----
-- DDL for Table CLIENT
-----
```

```
CREATE TABLE "SYSTEM"."CLIENT"
(  "NIF_CIF" VARCHAR2(9 CHAR)
) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;
```

```
-----
-- DDL for Table COMPTADOR
-----
```

```
CREATE TABLE "SYSTEM"."COMPTADOR"
(  "IDCOMPTADOR" NUMBER(*,0),
   "Carrer/via/placa" VARCHAR2(80 BYTE),
   "NUMEROIMMOBLE" NUMBER(*,0),
   "PIS" NUMBER(*,0),
   "PORTA" NUMBER(*,0),
   "CP" VARCHAR2(5 BYTE),
   "LOCALITAT" VARCHAR2(80 BYTE),
```

```

        "PAIS" NUMBER(*,0),
        "KWABSOLUTS" NUMBER(*,0),
        "DARRERALECTURA" DATE,
        "MODEL_C_MODEL" VARCHAR2(20 BYTE)
    ) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
    STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
    PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
    TABLESPACE "SYSTEM" ;

-----

-- DDL for Table COMPTADOR_CENTRALETA
-----

CREATE TABLE "SYSTEM"."COMPTADOR_CENTRALETA"
(   "CENTRALETA_ADRECA" VARCHAR2(80 BYTE),
    "COMPTADOR_IDCOMPTADOR" NUMBER(*,0)
) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;

-----

-- DDL for Table COMPTADORLECTURES
-----

CREATE TABLE "SYSTEM"."COMPTADORLECTURES"
(   "COMPTADOR_IDCOMPTADOR" NUMBER(*,0),
    "DATALECTURA" DATE,
    "PRESENCIAL" CHAR(1 BYTE),
    "VALOR" NUMBER(*,0)
) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;

-----

-- DDL for Table CONTRACTE
-----

CREATE TABLE "SYSTEM"."CONTRACTE"
(   "CODI" VARCHAR2(10 CHAR),

```

```

        "COMPTADOR_IDCOMPTADOR" NUMBER(*,0),
        "CLIENT_NIF" VARCHAR2(9 CHAR),
        "POTENCIA" NUMBER(*,0),
        "VIGENT" VARCHAR2(1 BYTE)
    ) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
    STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
    PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
    TABLESPACE "SYSTEM" ;
-----
--   DDL for Table EOLICA
-----

CREATE TABLE "SYSTEM"."EOLICA"
(   "CENTRALPR_CODIC" VARCHAR2(50 BYTE),
    "NOMOLINSVENT" NUMBER(*,0)
) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;
-----
--   DDL for Table ESTADISTIC_1
-----

CREATE TABLE "SYSTEM"."ESTADISTIC_1"
(   "CENTRALPR_CODIC" VARCHAR2(50 BYTE),
    "CONSUMCOMPTADORS" NUMBER(*,0)
) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;
-----
--   DDL for Table ESTADISTIC_2
-----

CREATE TABLE "SYSTEM"."ESTADISTIC_2"
(   "LINIACOM_CODI" NUMBER(*,0),
    "ESTADISTIC_4_5_ANY" NUMBER(*,0),
    "LINIACOM_CENTRALPR_CODIC" VARCHAR2(50 BYTE),

```

```

        "VALORTOTAL" NUMBER(*,0),
        "NUM_COMP" NUMBER(*,0),
        "CLIENTS_ACTIUS" NUMBER(*,0)
    ) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
    STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
    PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
    TABLESPACE "SYSTEM" ;

-----
--   DDL for Table ESTADISTIC_4_5
-----

CREATE TABLE "SYSTEM"."ESTADISTIC_4_5"
(   "Any" NUMBER(*,0),
    "MES_50_CONSUM" NUMBER,
    "MENYS_30_PRODUCCIO" NUMBER(*,0),
    "TOTAL_PRODUCCIO" NUMBER(*,0),
    "TOTAL_CONSUM" NUMBER(*,0),
    "TOTAL_CENTRALS" NUMBER(*,0),
    "TOTAL_LINIES" NUMBER(*,0)
) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;

-----
--   DDL for Table HISTORICC
-----

CREATE TABLE "SYSTEM"."HISTORICC"
(   "COMPTADOR_IDCOMPTADOR" NUMBER(*,0),
    "MES" NUMBER(*,0),
    "any" NUMBER(*,0),
    "CONSUM" NUMBER(*,0)
) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;

-----
--   DDL for Table LINIACOM

```

```

-----
CREATE TABLE "SYSTEM"."LINIACOM"
(  "CODI" NUMBER(*,0),
   "CENTRALPR_CODIC" VARCHAR2(50 BYTE),
   "CAPACITATMAXIMA" NUMBER(*,0),
   "ESTADISTIC_3_MES_CARREGADA" CHAR(1 BYTE)
) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;
-----

```

```

-- DDL for Table MODEL_C
-----

```

```

CREATE TABLE "SYSTEM"."MODEL_C"
(  "MODEL" VARCHAR2(20 BYTE),
   "FABRICANT" VARCHAR2(50 BYTE),
   "ANYFABRICACIO" NUMBER(*,0)
) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;
-----

```

```

-- DDL for Table NUCLEAR
-----

```

```

CREATE TABLE "SYSTEM"."NUCLEAR"
(  "CENTRALPR_CODIC" VARCHAR2(50 BYTE),
   "ENERGIAMINIMA" NUMBER(*,0),
   "KGREBUIG" NUMBER(*,0)
) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;
-----

```

```

-- DDL for Table PERSONAFISICA
-----

```

```

CREATE TABLE "SYSTEM"."PERSONAFISICA"
(  "CLIENT_NIF_CIF" VARCHAR2(9 BYTE),
   "NOM" VARCHAR2(30 BYTE),
   "COGNOM1" VARCHAR2(30 BYTE),
   "COGNOM2" VARCHAR2(30 BYTE),
   "ADRECA" VARCHAR2(100 BYTE),
   "CP" VARCHAR2(5 BYTE),
   "POBLACIO" VARCHAR2(100 BYTE),
   "REGIO" VARCHAR2(100 BYTE),
   "PAIS" VARCHAR2(50 BYTE)
) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;

```

```

-----
-- DDL for Table PERSONAJURIDICA
-----

```

```

CREATE TABLE "SYSTEM"."PERSONAJURIDICA"
(  "CLIENT_NIF_CIF" VARCHAR2(9 CHAR),
   "RAOSOCIAL" VARCHAR2(50 BYTE),
   "ADRECA" VARCHAR2(100 BYTE),
   "CP" VARCHAR2(5 BYTE),
   "POBLACIO" VARCHAR2(100 BYTE),
   "REGIO" VARCHAR2(100 BYTE),
   "PAIS" VARCHAR2(50 BYTE)
) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;

```

```

-----
-- DDL for Table PRODUCCIOMENSUAL
-----

```

```

CREATE TABLE "SYSTEM"."PRODUCCIOMENSUAL"
(  "CENTRALPR_CODIC" VARCHAR2(50 BYTE),
   "MES" NUMBER(*,0),

```

```

        "Any" NUMBER(*,0),
        "ENERGIAPRODUIDA" NUMBER(*,0)
    ) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
    STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
    PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
    TABLESPACE "SYSTEM" ;
-----

-- DDL for Table SOLAR
-----

CREATE TABLE "SYSTEM"."SOLAR"
(   "CENTRALPR_CODIC" VARCHAR2(50 BYTE),
    "NOPANELLS" NUMBER(*,0)
) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;
-----

-- DDL for Table TERMICA
-----

CREATE TABLE "SYSTEM"."TERMICA"
(   "CENTRALPR_CODIC" VARCHAR2(50 BYTE),
    "KGCO2" NUMBER(*,0)
) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;
-----

-- DDL for View ESTAD_3
-----

CREATE OR REPLACE FORCE VIEW "SYSTEM"."ESTAD_3" ("CODI", "Total consum") AS
SELECT LINIACOM.CODI,
       SUM(HISTORICC.CONSUM) AS "Total consum"
FROM HISTORICC
INNER JOIN COMPTADOR
ON COMPTADOR.IDCOMPTADOR = HISTORICC.COMPTADOR_IDCOMPTADOR

```



```

INNER JOIN COMPTADOR_CENTRALETA
ON COMPTADOR.IDCOMPTADOR = COMPTADOR_CENTRALETA.COMPTADOR_IDCOMPTADOR
INNER JOIN CENTRALETA
ON COMPTADOR_CENTRALETA.CENTRALETA_ADRECA = CENTRALETA.ADRECA
INNER JOIN LINIACOM
ON LINIACOM.CODI = CENTRALETA.LINIACOM_CODI
AND LINIACOM.CENTRALPR_CODIC = CENTRALETA.LINIACOM_CENTRALPR_CODIC
GROUP BY LINIACOM.CODI;
REM INSERTING into SYSTEM.CARBO
SET DEFINE OFF;
REM INSERTING into SYSTEM.CENTRALETA
SET DEFINE OFF;
Insert into SYSTEM.CENTRALETA (ADRECA,LINIACOM_CODI,LINIACOM_CENTRALPR_CODIC,MAXIMKWH) values ('mariana,
3','1','1','1000');
Insert into SYSTEM.CENTRALETA (ADRECA,LINIACOM_CODI,LINIACOM_CENTRALPR_CODIC,MAXIMKWH) values ('comerç,
10','2','2','1500');
Insert into SYSTEM.CENTRALETA (ADRECA,LINIACOM_CODI,LINIACOM_CENTRALPR_CODIC,MAXIMKWH) values ('capell,
33','3','3','1200');
REM INSERTING into SYSTEM.CENTRALPR
SET DEFINE OFF;
Insert into SYSTEM.CENTRALPR (CODIC,ADRECA,LOCALITAT,PAIS,ENERGIAMAXIMA,DATADARRERAINSPECCIO) values
('1','ronda','asco','catalunya','1000000',to_date('01/03/11','DD/MM/RR'));
Insert into SYSTEM.CENTRALPR (CODIC,ADRECA,LOCALITAT,PAIS,ENERGIAMAXIMA,DATADARRERAINSPECCIO) values
('2','madrid','girona','catalunya','900000',to_date('03/05/10','DD/MM/RR'));
Insert into SYSTEM.CENTRALPR (CODIC,ADRECA,LOCALITAT,PAIS,ENERGIAMAXIMA,DATADARRERAINSPECCIO) values
('3','carrasco','rossello','catalunya','500000',to_date('10/10/11','DD/MM/RR'));
Insert into SYSTEM.CENTRALPR (CODIC,ADRECA,LOCALITAT,PAIS,ENERGIAMAXIMA,DATADARRERAINSPECCIO) values
('4','templers','lleida','andorra','1500000',to_date('20/03/12','DD/MM/RR'));
Insert into SYSTEM.CENTRALPR (CODIC,ADRECA,LOCALITAT,PAIS,ENERGIAMAXIMA,DATADARRERAINSPECCIO) values
('5','unio','alguaire','suissa','140000',to_date('10/09/10','DD/MM/RR'));
Insert into SYSTEM.CENTRALPR (CODIC,ADRECA,LOCALITAT,PAIS,ENERGIAMAXIMA,DATADARRERAINSPECCIO) values
('6','neptu','alfarras','suissa','500000',to_date('03/04/12','DD/MM/RR'));
Insert into SYSTEM.CENTRALPR (CODIC,ADRECA,LOCALITAT,PAIS,ENERGIAMAXIMA,DATADARRERAINSPECCIO) values
('7','guillem','rubi','andorra','150000',to_date('08/01/12','DD/MM/RR'));
Insert into SYSTEM.CENTRALPR (CODIC,ADRECA,LOCALITAT,PAIS,ENERGIAMAXIMA,DATADARRERAINSPECCIO) values
('8','mariola','gavà','catalunya','1400000',to_date('12/11/11','DD/MM/RR'));
Insert into SYSTEM.CENTRALPR (CODIC,ADRECA,LOCALITAT,PAIS,ENERGIAMAXIMA,DATADARRERAINSPECCIO) values
('9','jocs','rupit','andorra','800000',to_date('01/02/12','DD/MM/RR'));

```

```

REM INSERTING into SYSTEM.CENTRAL_PR_ANY
SET DEFINE OFF;
REM INSERTING into SYSTEM.CLIENT
SET DEFINE OFF;
Insert into SYSTEM.CLIENT (NIF_CIF) values ('11111111A');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('11111111H');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('11111111L');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('22222222A');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('22222222H');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('22222222L');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('33333333A');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('33333333H');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('33333333L');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('44444444A');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('44444444H');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('44444444L');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('55555555A');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('55555555H');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('55555555L');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('66666666A');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('66666666H');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('66666666L');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('77777777A');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('77777777H');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('77777777L');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('88888888A');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('88888888H');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('88888888L');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('99999999A');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('99999999H');
Insert into SYSTEM.CLIENT (NIF_CIF) values ('99999999L');
REM INSERTING into SYSTEM.COMPTADOR
SET DEFINE OFF;
Insert into SYSTEM.COMPTADOR
(IDCOMPTADOR,"Carrer/via/placa",NUMEROIMMOBLE,PIS,PORTA,CP,LOCALITAT,PAIS,KWABSOLUTS,DARRERALECTURA,MODELC_MODEL) values ('1','ronda','10','2','1','25400','rossello','1','15000',to_date('03/05/12','DD/MM/RR'),'model1');
Insert into SYSTEM.COMPTADOR
(IDCOMPTADOR,"Carrer/via/placa",NUMEROIMMOBLE,PIS,PORTA,CP,LOCALITAT,PAIS,KWABSOLUTS,DARRERALECTURA,MODELC_MODEL)

```

```

L) values ('2','pla
d'urgell','1','7','5','25124','lleida','2','10000',to_date('02/03/12','DD/MM/RR'),'model1');
Insert into SYSTEM.COMPTADOR
(IDCOMPTADOR,"Carrer/via/placa",NUMEROIMMOBLE,PIS,PORTA,CP,LOCALITAT,PAIS,KWABSOLUTS,DARRERALECTURA,MODEL_C_MODE
L) values ('3','blondel','32','3','1','25600','alcarras','1','18000',to_date('03/03/12','DD/MM/RR'),'model2');
Insert into SYSTEM.COMPTADOR
(IDCOMPTADOR,"Carrer/via/placa",NUMEROIMMOBLE,PIS,PORTA,CP,LOCALITAT,PAIS,KWABSOLUTS,DARRERALECTURA,MODEL_C_MODE
L) values ('4','placa
nova','4','2','1','25100','mollerussa','1','24000',to_date('27/01/12','DD/MM/RR'),'model2');
Insert into SYSTEM.COMPTADOR
(IDCOMPTADOR,"Carrer/via/placa",NUMEROIMMOBLE,PIS,PORTA,CP,LOCALITAT,PAIS,KWABSOLUTS,DARRERALECTURA,MODEL_C_MODE
L) values ('5','alcalde
costa','18','1','2','25002','lleida','2','8000',to_date('02/04/12','DD/MM/RR'),'model3');
Insert into SYSTEM.COMPTADOR
(IDCOMPTADOR,"Carrer/via/placa",NUMEROIMMOBLE,PIS,PORTA,CP,LOCALITAT,PAIS,KWABSOLUTS,DARRERALECTURA,MODEL_C_MODE
L) values ('6','academia','47','3','1','25400','rossello','1','25000',to_date('30/03/12','DD/MM/RR'),'model3');
Insert into SYSTEM.COMPTADOR
(IDCOMPTADOR,"Carrer/via/placa",NUMEROIMMOBLE,PIS,PORTA,CP,LOCALITAT,PAIS,KWABSOLUTS,DARRERALECTURA,MODEL_C_MODE
L) values
('7','catalunya','39','5','5','25700','alcoletge','2','17000',to_date('19/04/12','DD/MM/RR'),'model3');
Insert into SYSTEM.COMPTADOR
(IDCOMPTADOR,"Carrer/via/placa",NUMEROIMMOBLE,PIS,PORTA,CP,LOCALITAT,PAIS,KWABSOLUTS,DARRERALECTURA,MODEL_C_MODE
L) values
('8','penedes','2','4','1','25560','torrefarrera','1','26000',to_date('20/05/12','DD/MM/RR'),'model4');
Insert into SYSTEM.COMPTADOR
(IDCOMPTADOR,"Carrer/via/placa",NUMEROIMMOBLE,PIS,PORTA,CP,LOCALITAT,PAIS,KWABSOLUTS,DARRERALECTURA,MODEL_C_MODE
L) values ('9','frança','31','1','1','25500','alcanó','1','4000',to_date('16/03/12','DD/MM/RR'),'model4');
Insert into SYSTEM.COMPTADOR
(IDCOMPTADOR,"Carrer/via/placa",NUMEROIMMOBLE,PIS,PORTA,CP,LOCALITAT,PAIS,KWABSOLUTS,DARRERALECTURA,MODEL_C_MODE
L) values
('10','magraners','12','3','2','25400','alguaire','2','14000',to_date('28/04/12','DD/MM/RR'),'model5');
Insert into SYSTEM.COMPTADOR
(IDCOMPTADOR,"Carrer/via/placa",NUMEROIMMOBLE,PIS,PORTA,CP,LOCALITAT,PAIS,KWABSOLUTS,DARRERALECTURA,MODEL_C_MODE
L) values ('11','palauet','3','2','1','25880','benabent','3','8500',to_date('17/05/12','DD/MM/RR'),'model5');
Insert into SYSTEM.COMPTADOR
(IDCOMPTADOR,"Carrer/via/placa",NUMEROIMMOBLE,PIS,PORTA,CP,LOCALITAT,PAIS,KWABSOLUTS,DARRERALECTURA,MODEL_C_MODE
L) values ('12','garrigues','40','1','2','25620','suria','3','7000',to_date('01/02/12','DD/MM/RR'),'model1');

```

```

Insert into SYSTEM.COMPTADOR
(IDCOMPTADOR,"Carrer/via/placa",NUMEROIMMOBLE,PIS,PORTA,CP,LOCALITAT,PAIS,KWABSOLUTS,DARRERALECTURA,MODEL_C_MODE
L) values ('13','fuliola','55','4','3','25410','ager','2','9500',to_date('20/04/12','DD/MM/RR'),'model2');
Insert into SYSTEM.COMPTADOR
(IDCOMPTADOR,"Carrer/via/placa",NUMEROIMMOBLE,PIS,PORTA,CP,LOCALITAT,PAIS,KWABSOLUTS,DARRERALECTURA,MODEL_C_MODE
L) values ('14','mart','10','1','1','25940','alpicat','1','16000',to_date('12/03/12','DD/MM/RR'),'model3');
Insert into SYSTEM.COMPTADOR
(IDCOMPTADOR,"Carrer/via/placa",NUMEROIMMOBLE,PIS,PORTA,CP,LOCALITAT,PAIS,KWABSOLUTS,DARRERALECTURA,MODEL_C_MODE
L) values
('15','castella','5','2','2','25120','torregrossa','3','12000',to_date('09/03/12','DD/MM/RR'),'model4');
REM INSERTING into SYSTEM.COMPTADOR_CENTRALETA
SET DEFINE OFF;
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('capell, 33','3');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('capell, 33','6');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('capell, 33','7');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('capell, 33','8');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('capell, 33','11');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('capell, 33','12');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('comerç, 10','3');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('comerç, 10','4');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('comerç, 10','5');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('comerç, 10','10');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('mariana, 3','1');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('mariana, 3','2');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('mariana, 3','6');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('mariana, 3','9');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('mariana, 3','13');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('mariana, 3','14');
Insert into SYSTEM.COMPTADOR_CENTRALETA (CENTRALETA_ADRECA,COMPTADOR_IDCOMPTADOR) values ('mariana, 3','15');
REM INSERTING into SYSTEM.COMPTADORLECTURES
SET DEFINE OFF;
Insert into SYSTEM.COMPTADORLECTURES (COMPTADOR_IDCOMPTADOR,DATALECTURA,PRESENCIAL,VALOR) values
('1',to_date('01/01/12','DD/MM/RR'),'1','50');
Insert into SYSTEM.COMPTADORLECTURES (COMPTADOR_IDCOMPTADOR,DATALECTURA,PRESENCIAL,VALOR) values
('1',to_date('01/02/12','DD/MM/RR'),'1','120');
Insert into SYSTEM.COMPTADORLECTURES (COMPTADOR_IDCOMPTADOR,DATALECTURA,PRESENCIAL,VALOR) values
('1',to_date('01/03/12','DD/MM/RR'),'1','180');

```

```

Insert into SYSTEM.COMPTADORLECTURES (COMPTADOR_IDCOMPTADOR, DATALECTURA, PRESENCIAL, VALOR) values
('1', to_date('01/04/12', 'DD/MM/RR'), '0', '240');
Insert into SYSTEM.COMPTADORLECTURES (COMPTADOR_IDCOMPTADOR, DATALECTURA, PRESENCIAL, VALOR) values
('1', to_date('01/05/12', 'DD/MM/RR'), '1', '300');
Insert into SYSTEM.COMPTADORLECTURES (COMPTADOR_IDCOMPTADOR, DATALECTURA, PRESENCIAL, VALOR) values
('1', to_date('01/06/12', 'DD/MM/RR'), '1', '340');
REM INSERTING into SYSTEM.CONTRACTE
SET DEFINE OFF;
Insert into SYSTEM.CONTRACTE (CODI, COMPTADOR_IDCOMPTADOR, CLIENT_NIF, POTENCIA, VIGENT) values
('1', '1', '11111111H', '20', '1');
Insert into SYSTEM.CONTRACTE (CODI, COMPTADOR_IDCOMPTADOR, CLIENT_NIF, POTENCIA, VIGENT) values
('2', '2', '22222222H', '25', '1');
Insert into SYSTEM.CONTRACTE (CODI, COMPTADOR_IDCOMPTADOR, CLIENT_NIF, POTENCIA, VIGENT) values
('3', '3', '33333333H', '15', '1');
Insert into SYSTEM.CONTRACTE (CODI, COMPTADOR_IDCOMPTADOR, CLIENT_NIF, POTENCIA, VIGENT) values
('4', '4', '44444444H', '40', '0');
Insert into SYSTEM.CONTRACTE (CODI, COMPTADOR_IDCOMPTADOR, CLIENT_NIF, POTENCIA, VIGENT) values
('5', '5', '55555555H', '35', '1');
Insert into SYSTEM.CONTRACTE (CODI, COMPTADOR_IDCOMPTADOR, CLIENT_NIF, POTENCIA, VIGENT) values
('6', '6', '66666666H', '40', '1');
Insert into SYSTEM.CONTRACTE (CODI, COMPTADOR_IDCOMPTADOR, CLIENT_NIF, POTENCIA, VIGENT) values
('7', '7', '77777777H', '10', '1');
Insert into SYSTEM.CONTRACTE (CODI, COMPTADOR_IDCOMPTADOR, CLIENT_NIF, POTENCIA, VIGENT) values
('8', '8', '88888888H', '8', '1');
Insert into SYSTEM.CONTRACTE (CODI, COMPTADOR_IDCOMPTADOR, CLIENT_NIF, POTENCIA, VIGENT) values
('9', '9', '99999999H', '12', '1');
Insert into SYSTEM.CONTRACTE (CODI, COMPTADOR_IDCOMPTADOR, CLIENT_NIF, POTENCIA, VIGENT) values
('10', '10', '11111111L', '13', '1');
Insert into SYSTEM.CONTRACTE (CODI, COMPTADOR_IDCOMPTADOR, CLIENT_NIF, POTENCIA, VIGENT) values
('11', '11', '22222222L', '15', '1');
Insert into SYSTEM.CONTRACTE (CODI, COMPTADOR_IDCOMPTADOR, CLIENT_NIF, POTENCIA, VIGENT) values
('12', '12', '33333333L', '10', '1');
Insert into SYSTEM.CONTRACTE (CODI, COMPTADOR_IDCOMPTADOR, CLIENT_NIF, POTENCIA, VIGENT) values
('13', '13', '44444444L', '5', '1');
Insert into SYSTEM.CONTRACTE (CODI, COMPTADOR_IDCOMPTADOR, CLIENT_NIF, POTENCIA, VIGENT) values
('14', '14', '55555555L', '13', '1');
Insert into SYSTEM.CONTRACTE (CODI, COMPTADOR_IDCOMPTADOR, CLIENT_NIF, POTENCIA, VIGENT) values
('15', '15', '66666666L', '15', '1');

```

```

REM INSERTING into SYSTEM.EOLICA
SET DEFINE OFF;
REM INSERTING into SYSTEM.ESTADISTIC_1
SET DEFINE OFF;
REM INSERTING into SYSTEM.ESTADISTIC_2
SET DEFINE OFF;
REM INSERTING into SYSTEM.ESTADISTIC_4_5
SET DEFINE OFF;
REM INSERTING into SYSTEM.HISTORICC
SET DEFINE OFF;
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('1','1','2012','6');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('1','2','2012','4');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('1','3','2012','5');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('2','1','2012','5');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('2','2','2012','6');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('2','3','2012','4');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('3','1','2012','7');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('3','2','2012','4');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('4','1','2012','6');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('4','2','2012','2');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('5','1','2012','9');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('5','2','2012','5');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('5','3','2012','4');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('6','1','2012','7');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('6','2','2012','3');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('6','3','2012','7');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('7','1','2012','8');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('7','2','2012','6');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('8','1','2012','5');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('8','2','2012','7');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('9','1','2012','4');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('10','1','2012','7');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('10','2','2012','9');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('10','3','2012','5');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('11','1','2012','3');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('11','2','2012','8');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('11','3','2012','9');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('11','4','2012','5');

```

```

Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('12','1','2012','6');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('12','2','2012','5');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('13','1','2012','7');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('13','2','2012','7');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('13','3','2012','4');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('14','1','2012','5');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('14','2','2012','6');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('15','1','2012','7');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('15','2','2012','1');
Insert into SYSTEM.HISTORICC (COMPTADOR_IDCOMPTADOR,MES,"any",CONSUM) values ('15','3','2012','6');
REM INSERTING into SYSTEM.LINIACOM
SET DEFINE OFF;
Insert into SYSTEM.LINIACOM (CODI,CENTRALPR_CODIC,CAPACITATMAXIMA,ESTADISTIC_3_MES_CARREGADA) values
('1','1','100000','0');
Insert into SYSTEM.LINIACOM (CODI,CENTRALPR_CODIC,CAPACITATMAXIMA,ESTADISTIC_3_MES_CARREGADA) values
('2','2','200000','0');
Insert into SYSTEM.LINIACOM (CODI,CENTRALPR_CODIC,CAPACITATMAXIMA,ESTADISTIC_3_MES_CARREGADA) values
('3','3','300000','1');
REM INSERTING into SYSTEM.MODELCL
SET DEFINE OFF;
Insert into SYSTEM.MODELCL (MODEL,FABRICANT,ANYFABRICACIO) values ('model1','siemens','1980');
Insert into SYSTEM.MODELCL (MODEL,FABRICANT,ANYFABRICACIO) values ('model2','siemens','1990');
Insert into SYSTEM.MODELCL (MODEL,FABRICANT,ANYFABRICACIO) values ('model3','kawasaki','1995');
Insert into SYSTEM.MODELCL (MODEL,FABRICANT,ANYFABRICACIO) values ('model4','fujitsu','2002');
Insert into SYSTEM.MODELCL (MODEL,FABRICANT,ANYFABRICACIO) values ('model5','teka','2005');
REM INSERTING into SYSTEM.NUCLEAR
SET DEFINE OFF;
REM INSERTING into SYSTEM.PERSONAFISICA
SET DEFINE OFF;
REM INSERTING into SYSTEM.PERSONAJURIDICA
SET DEFINE OFF;
Insert into SYSTEM.PERSONAJURIDICA (CLIENT_NIF_CIF,RAOSOCIAL,ADRECA,CP,POBLACIO,REGIO,PAIS) values
('11111111H','empresa1','ronda, 1','25400','Borges Blanques',null,'Catalunya');
Insert into SYSTEM.PERSONAJURIDICA (CLIENT_NIF_CIF,RAOSOCIAL,ADRECA,CP,POBLACIO,REGIO,PAIS) values
('22222222H','empresa2','ronda, 2','25400','Borges Blanques',null,'Catalunya');
Insert into SYSTEM.PERSONAJURIDICA (CLIENT_NIF_CIF,RAOSOCIAL,ADRECA,CP,POBLACIO,REGIO,PAIS) values
('33333333H','empresa3','emporda, 1','25002','Lleida',null,'Catalunya');

```

```

Insert into SYSTEM.PERSONAJURIDICA (CLIENT_NIF_CIF,RAOSOCIAL,ADRECA,CP,POBLACIO,REGIO,PAIS) values
('444444444H','empresa4','emporda, 2','25002','Lleida',null,'Catalunya');
Insert into SYSTEM.PERSONAJURIDICA (CLIENT_NIF_CIF,RAOSOCIAL,ADRECA,CP,POBLACIO,REGIO,PAIS) values
('555555555H','empresa5','vallecas, 1','25700','Vallecas',null,'Espanya');
Insert into SYSTEM.PERSONAJURIDICA (CLIENT_NIF_CIF,RAOSOCIAL,ADRECA,CP,POBLACIO,REGIO,PAIS) values
('666666666H','empresa6','vallecas, 2','25700','Vallecas',null,'Espanya');
Insert into SYSTEM.PERSONAJURIDICA (CLIENT_NIF_CIF,RAOSOCIAL,ADRECA,CP,POBLACIO,REGIO,PAIS) values
('777777777H','empresa7','plaça nova, 4','25124','Rosselló',null,'Catalunya');
Insert into SYSTEM.PERSONAJURIDICA (CLIENT_NIF_CIF,RAOSOCIAL,ADRECA,CP,POBLACIO,REGIO,PAIS) values
('888888888H','empresa8','plaça vella, 3','25124','Rosselló',null,'Catalunya');
Insert into SYSTEM.PERSONAJURIDICA (CLIENT_NIF_CIF,RAOSOCIAL,ADRECA,CP,POBLACIO,REGIO,PAIS) values
('999999999H','empresa9','plaça ricard, 10','25000','Paris',null,'França');
REM INSERTING into SYSTEM.PRODUCCIOMENSUAL
SET DEFINE OFF;
Insert into SYSTEM.PRODUCCIOMENSUAL (CENTRALPR_CODIC,MES,"Any",ENERGIAPRODUIDA) values
('1','1','2012','100000');
Insert into SYSTEM.PRODUCCIOMENSUAL (CENTRALPR_CODIC,MES,"Any",ENERGIAPRODUIDA) values
('1','2','2012','110000');
Insert into SYSTEM.PRODUCCIOMENSUAL (CENTRALPR_CODIC,MES,"Any",ENERGIAPRODUIDA) values
('1','3','2012','105000');
Insert into SYSTEM.PRODUCCIOMENSUAL (CENTRALPR_CODIC,MES,"Any",ENERGIAPRODUIDA) values ('1','4','2012','9700');
Insert into SYSTEM.PRODUCCIOMENSUAL (CENTRALPR_CODIC,MES,"Any",ENERGIAPRODUIDA) values
('1','5','2012','100000');
Insert into SYSTEM.PRODUCCIOMENSUAL (CENTRALPR_CODIC,MES,"Any",ENERGIAPRODUIDA) values
('2','1','2012','98000');
Insert into SYSTEM.PRODUCCIOMENSUAL (CENTRALPR_CODIC,MES,"Any",ENERGIAPRODUIDA) values
('2','2','2012','70000');
Insert into SYSTEM.PRODUCCIOMENSUAL (CENTRALPR_CODIC,MES,"Any",ENERGIAPRODUIDA) values
('2','3','2012','100000');
Insert into SYSTEM.PRODUCCIOMENSUAL (CENTRALPR_CODIC,MES,"Any",ENERGIAPRODUIDA) values
('2','4','2012','105000');
Insert into SYSTEM.PRODUCCIOMENSUAL (CENTRALPR_CODIC,MES,"Any",ENERGIAPRODUIDA) values
('2','5','2012','70000');
Insert into SYSTEM.PRODUCCIOMENSUAL (CENTRALPR_CODIC,MES,"Any",ENERGIAPRODUIDA) values
('3','1','2012','40000');
Insert into SYSTEM.PRODUCCIOMENSUAL (CENTRALPR_CODIC,MES,"Any",ENERGIAPRODUIDA) values
('3','2','2012','42000');

```



```

Insert into SYSTEM.PRODUCCIOMENSUAL (CENTRALPR_CODIC,MES,"Any",ENERGIAPRODUIDA) values
('3','3','2012','35000');
Insert into SYSTEM.PRODUCCIOMENSUAL (CENTRALPR_CODIC,MES,"Any",ENERGIAPRODUIDA) values
('4','1','2012','51000');
Insert into SYSTEM.PRODUCCIOMENSUAL (CENTRALPR_CODIC,MES,"Any",ENERGIAPRODUIDA) values
('4','2','2012','68000');
REM INSERTING into SYSTEM.SOLAR
SET DEFINE OFF;
REM INSERTING into SYSTEM.TERMICA
SET DEFINE OFF;
REM INSERTING into SYSTEM.ESTAD_3
SET DEFINE OFF;
Insert into SYSTEM.ESTAD_3 (CODI,"Total consum") values ('1','94');
Insert into SYSTEM.ESTAD_3 (CODI,"Total consum") values ('2','58');
Insert into SYSTEM.ESTAD_3 (CODI,"Total consum") values ('3','90');

```

```

-----
-- DDL for Trigger ESTADISTICA1
-----

```

```

CREATE OR REPLACE TRIGGER "SYSTEM"."ESTADISTICA1"
AFTER INSERT ON HISTORICC
for each row
BEGIN

UPDATE Estadistic_1
SET consumcomptadors = (consumcomptadors + :new.consum)
WHERE centralpr_codic =
(
SELECT LINIACOM.CENTRALPR_CODIC
FROM HISTORICC
INNER JOIN COMPTADOR
ON COMPTADOR.IDCOMPTADOR = HISTORICC.COMPTADOR_IDCOMPTADOR
INNER JOIN COMPTADOR_CENTRALETA
ON COMPTADOR.IDCOMPTADOR = COMPTADOR_CENTRALETA.COMPTADOR_IDCOMPTADOR
INNER JOIN CENTRALETA
ON COMPTADOR_CENTRALETA.CENTRALETA_ADRECA = CENTRALETA.ADRECA
INNER JOIN LINIACOM
ON LINIACOM.CODI = CENTRALETA.LINIACOM_CODI

```

```

        AND LINIACOM.CENTRALPR_CODIC = CENTRALETA.LINIACOM_CENTRALPR_CODIC
        WHERE historicc.comptador_idcomptador = :new.COMPTADOR_IDCOMPTADOR
        GROUP BY LINIACOM.CENTRALPR_CODIC
    );

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error' || SQLCODE || SQLERRM);

END;
/
ALTER TRIGGER "SYSTEM"."ESTADISTICA1" ENABLE;
-----
-- DDL for Trigger ESTADISTICA2
-----

CREATE OR REPLACE TRIGGER "SYSTEM"."ESTADISTICA2"
BEFORE INSERT OR DELETE OR UPDATE ON HISTORICC
BEGIN
    UPDATE Estadistic_2
    SET (LINIACOM_CODI, ESTADISTIC_4_5_ANY, LINIACOM_CENTRALPR_CODIC, VALORTOTAL, NUM_COMP) =
        (
            SELECT LINIACOM.CODI,
                HISTORICC."any",
                liniacom.centralpr_codic,
                SUM(HISTORICC.CONSUM),
                COUNT(HISTORICC.COMPTADOR_IDCOMPTADOR)
            FROM LINIACOM
            INNER JOIN CENTRALETA
            ON LINIACOM.CODI = CENTRALETA.LINIACOM_CODI
            AND LINIACOM.CENTRALPR_CODIC = CENTRALETA.LINIACOM_CENTRALPR_CODIC
            INNER JOIN COMPTADOR_CENTRALETA
            ON CENTRALETA.ADRECA = COMPTADOR_CENTRALETA.CENTRALETA_ADRECA
            INNER JOIN COMPTADOR
            ON COMPTADOR.IDCOMPTADOR = COMPTADOR_CENTRALETA.COMPTADOR_IDCOMPTADOR
            INNER JOIN HISTORICC

```

```

        ON COMPTADOR.IDCOMPTADOR = HISTORICC.COMPTADOR_IDCOMPTADOR
        INNER JOIN CONTRACTE
        ON COMPTADOR.IDCOMPTADOR = CONTRACTE.COMPTADOR_IDCOMPTADOR
        GROUP BY LINIACOM.CODI,
            HISTORICC."any",
            liniacom.centralpr_codic
    );
END;
/
ALTER TRIGGER "SYSTEM"."ESTADISTICA2" ENABLE;
-----
-- DDL for Trigger ESTADISTICA3
-----

CREATE OR REPLACE TRIGGER "SYSTEM"."ESTADISTICA3"
AFTER INSERT OR DELETE OR UPDATE ON HISTORICC
BEGIN
    /*Posem el camp mes_carregada a 1 en el que fa més consum*/
    UPDATE LiniaCom
    SET estadistic_3_mes_carregada = '1'
    WHERE codi =
    (
        SELECT ESTAD_3.CODI
        FROM ESTAD_3 /*ESTAD_3 és una vista. Ho faig anar per trobar el codi de la línia que ha consumit més.*/
        WHERE "Total consum" =
        (
            SELECT MAX("Total consum")
            FROM ESTAD_3
        )
    );
    /*Aquí al contrari, posem a zero la resta.*/
    UPDATE LiniaCom
    SET estadistic_3_mes_carregada = '0'
    WHERE codi !=
    (
        SELECT ESTAD_3.CODI
        FROM ESTAD_3 /*ESTAD_3 és una vista. Ho faig anar per trobar el codi de la línia que ha consumit més.*/
        WHERE "Total consum" =

```

```

        (
        SELECT MAX("Total consum")
          FROM ESTAD_3
        )
    );
END;
/
ALTER TRIGGER "SYSTEM"."ESTADISTICA3" ENABLE;
-----
-- DDL for Trigger ESTADISTICA4
-----

CREATE OR REPLACE TRIGGER "SYSTEM"."ESTADISTICA4"
AFTER INSERT OR DELETE OR UPDATE ON HISTORICC
BEGIN
    /*Actualitzem el total de consum.*/
    UPDATE estadistic_4_5
       SET total_consum =
        (
          SELECT MAX("Total consum")
            FROM ESTAD_3
        );
END;
/
ALTER TRIGGER "SYSTEM"."ESTADISTICA4" ENABLE;
-----
-- DDL for Trigger ESTADISTICA_2
-----

CREATE OR REPLACE TRIGGER "SYSTEM"."ESTADISTICA_2"
BEFORE INSERT OR DELETE OR UPDATE ON HISTORICC
BEGIN
    UPDATE Estadistic_2
       SET (LINIACOM_CODI, ESTADISTIC_4_5_ANY, LINIACOM_CENTRALPR_CODIC, VALORTOTAL, NUM_COMP) =
        (

```

```

SELECT LINIACOM.CODI,
       HISTORICC."any",
       liniacom.centralpr_codic,
       SUM(HISTORICC.CONSUM),
       COUNT(HISTORICC.COMPTADOR_IDCOMPTADOR)
FROM LINIACOM
INNER JOIN CENTRALETA
ON LINIACOM.CODI = CENTRALETA.LINIACOM_CODI
AND LINIACOM.CENTRALPR_CODIC = CENTRALETA.LINIACOM_CENTRALPR_CODIC
INNER JOIN COMPTADOR_CENTRALETA
ON CENTRALETA.ADRECA = COMPTADOR_CENTRALETA.CENTRALETA_ADRECA
INNER JOIN COMPTADOR
ON COMPTADOR.IDCOMPTADOR = COMPTADOR_CENTRALETA.COMPTADOR_IDCOMPTADOR
INNER JOIN HISTORICC
ON COMPTADOR.IDCOMPTADOR = HISTORICC.COMPTADOR_IDCOMPTADOR
INNER JOIN CONTRACTE
ON COMPTADOR.IDCOMPTADOR = CONTRACTE.COMPTADOR_IDCOMPTADOR
GROUP BY LINIACOM.CODI,
       HISTORICC."any",
       liniacom.centralpr_codic
);

END;
/
ALTER TRIGGER "SYSTEM"."ESTADISTICA_2" ENABLE;
-----
-- DDL for Procedure ALTA_CARBO
-----
set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_CARBO"
(
  CODIC                IN VARCHAR2,
  ADRECA               IN VARCHAR2,
  LOCALITAT           IN VARCHAR2,
  PAIS                 IN VARCHAR2,
  ENERGIAMAXIMA        IN VARCHAR2,
  DATADARRERAINSPECCIO IN VARCHAR2,
  KgEmissioCO2         IN NUMBER,

```

```

        RSP                                OUT VARCHAR2
    )

IS
BEGIN
    ALTA_CENTRALPR(CODIC, ADRECA, LOCALITAT, PAIS, ENERGIAMAXIMA, DATADARRERAINSPECCIO, RSP);
    INSERT INTO CARBO VALUES (CODIC, KgEmissioCO2);
    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error' || SQLCODE || SQLERRM;
END ALTA_CARBO;

/

-----
--  DDL for Procedure ALTA_CENTRALETA
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_CENTRALETA"
(
    ADRECA                                IN VARCHAR2,
    LiniaCom_Codi                        IN NUMBER ,
    LiniaCom_CentralPr_codiC            IN NUMBER ,
    maximKWh                            IN NUMBER ,
    RSP                                  OUT VARCHAR2
)
IS
BEGIN
    INSERT INTO CENTRALETA VALUES (ADRECA, LiniaCom_Codi, LiniaCom_CentralPr_codiC, maximKWh);
    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN

```

```

        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END ALTA_CENTRALETA;

/
-----
-- DDL for Procedure ALTA_CENTRALPR
-----
set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_CENTRALPR"
(
    CODIC                IN VARCHAR2,
    ADRECA                IN VARCHAR2,
    LOCALITAT            IN VARCHAR2,
    PAIS                  IN VARCHAR2,
    ENERGIAMAXIMA         IN VARCHAR2,
    DATADARRERAINSPECCIO IN VARCHAR2,
    RSP                   OUT VARCHAR2
)
IS
BEGIN
    INSERT INTO CENTRALPR VALUES (CODIC, ADRECA, LOCALITAT, PAIS, ENERGIAMAXIMA, DATADARRERAINSPECCIO);
    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END ALTA_CENTRALPR;

/
-----
-- DDL for Procedure ALTA_CLIENT
-----
set define off;

```

```

CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_CLIENT"
(
    NIF          IN NUMBER,
    RSP          OUT VARCHAR2
)
IS
BEGIN
    INSERT INTO CLIENT VALUES (NIF);
    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END ALTA_CLIENT;

/

-----
--  DDL for Procedure ALTA_COMPTADOR
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_COMPTADOR"
(
    IDCOMPTADOR IN NUMBER
, CARRER_VIA_PLACA IN VARCHAR2
, NUMEROIMMOBLE IN NUMBER
, PIS IN NUMBER
, PORTA IN NUMBER
, CP IN VARCHAR2
, LOCALITAT IN VARCHAR2
, PAIS IN NUMBER
, KWABSOLUTS IN NUMBER
, MODELCOMPTADOR_MODEL IN VARCHAR2
, DARRERALECTURA IN DATE
, RSP OUT VARCHAR2
)

```


IS

BEGIN

```
INSERT INTO comptador VALUES (IDCOMPTADOR, CARRER_VIA_PLACA, NUMEROIMMOBLE, PIS, PORTA, CP, LOCALITAT, PAIS,
KWABSOLUTS, MODELCOMPTADOR_MODEL, TO_DATE (DARRERALECTURA,'dd/mm/yyyy'));
RSP := 'Ok.';
```

EXCEPTION

```
WHEN OTHERS THEN
    DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
    RSP := 'Error'||SQLCODE||SQLERRM;
```

END ALTA_COMPTADOR;

/

```
-----
-- DDL for Procedure ALTA_COMPTADOR_CENTRALETA
-----
```

set define off;

```
CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_COMPTADOR_CENTRALETA"
(
    CENTRALETA_ADRECA      IN VARCHAR2,
    COMPTADOR_IDCOMPTADOR IN NUMBER ,
    RSP                     OUT VARCHAR2
)

```

IS

BEGIN

```
INSERT INTO COMPTADOR_CENTRALETA VALUES (CENTRALETA_ADRECA, COMPTADOR_IDCOMPTADOR);
RSP:= 'Ok';
```

EXCEPTION

```
WHEN OTHERS THEN
```

```

        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;

END ALTA_COMPTADOR_CENTRALETA;

/
-----
-- DDL for Procedure ALTA_COMPTADORLECTURES
-----
set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_COMPTADORLECTURES"
(
    COMPTADOR_IDCOMPTADOR IN NUMBER ,
    DATA_L                IN DATE ,
    PRESENCIAL             IN VARCHAR2 ,
    VALOR                  IN NUMBER ,
    RSP                    OUT VARCHAR2
)
IS
BEGIN
    INSERT INTO COMPTADORLECTURES VALUES (COMPTADOR_IDCOMPTADOR, DATA_L, PRESENCIAL, VALOR);
    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;

END ALTA_COMPTADORLECTURES;

/
-----
-- DDL for Procedure ALTA_CONTRACTE
-----
set define off;

```

```

CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_CONTRACTE"
(
    PCODI                IN VARCHAR2,
    PCOMPTADOR_IDCOMPTADOR IN NUMBER,
    PCLIENT_NIF          VARCHAR2,
    PPOTENCI             NUMBER,
    PVIGENT              VARCHAR2,
    RSP                  OUT VARCHAR2
)

IS

BEGIN
    INSERT INTO contracte VALUES (PCODI, PCOMPTADOR_IDCOMPTADOR, PCLIENT_NIF, PPOTENCI, PVIGENT);
    RSP := 'Ok.';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;

END ALTA_CONTRACTE;

/

-----
--  DDL for Procedure ALTA_EOLICA
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_EOLICA"
(
    CODIC                IN VARCHAR2,
    ADRECA               IN VARCHAR2,
    LOCALITAT           IN VARCHAR2,
    PAIS                IN VARCHAR2,
    ENERGIAMAXIMA        IN VARCHAR2,

```

```

        DATADARRERAINSPECCIO  IN VARCHAR2,
        NoMolinsVent          IN NUMBER,
        RSP                    OUT VARCHAR2
    )

IS
BEGIN
    ALTA_CENTRALPR(CODIC, ADRECA, LOCALITAT, PAIS, ENERGIAMAXIMA, DATADARRERAINSPECCIO, RSP);
    INSERT INTO EOLICA VALUES (CODIC, NoMolinsVent);
    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END ALTA_EOLICA;

/

-----
--  DDL for Procedure ALTA_HISTORICC
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_HISTORICC"
(
    COMPTADOR_IDCOMPTADOR IN NUMBER ,
    MES                   IN NUMBER ,
    ANY_C                 IN NUMBER ,
    CONSUM                IN NUMBER ,
    RSP                   OUT VARCHAR2
)

IS
BEGIN
    INSERT INTO historicc VALUES (COMPTADOR_IDCOMPTADOR, MES, ANY_C, CONSUM);
    RSP:= 'Ok';

```

EXCEPTION

WHEN OTHERS THEN

DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);

RSP := 'Error'||SQLCODE||SQLERRM;

END ALTA_HISTORICC;

/

-- DDL for Procedure ALTA_LINIACOM

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_LINIACOM"

(

Codi IN NUMBER ,

CentralPr_codiC IN NUMBER ,

capacitatMaxima IN NUMBER ,

Estadistic_3_Mes_carregada IN VARCHAR2,

RSP OUT VARCHAR2

)

is

BEGIN

INSERT INTO LINIACOM VALUES (Codi, CentralPr_codiC, capacitatMaxima, Estadistic_3_Mes_carregada);

RSP:= 'Ok';

EXCEPTION

WHEN OTHERS THEN

DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);

RSP := 'Error'||SQLCODE||SQLERRM;

END ALTA_LINIACOM;

/

-- DDL for Procedure ALTA_MOD

```

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_MOD"
(
  MODELO                IN VARCHAR2
, FABRICANT             IN VARCHAR2
, ANYFABRICACIO        IN NUMBER
, RSP                  OUT VARCHAR2
) IS

BEGIN
  INSERT INTO modelC VALUES (MODELO, FABRICANT, ANYFABRICACIO);
  RSP:= 'Ok';

EXCEPTION

  WHEN OTHERS THEN
    DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
    RSP := 'Error'||SQLCODE||SQLERRM;

END;

/

-----
--  DDL for Procedure ALTA_NUCLEAR
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_NUCLEAR"
(
  CODIC                IN VARCHAR2,
  ADRECA              IN VARCHAR2,
  LOCALITAT          IN VARCHAR2,
  PAIS                IN VARCHAR2,
  ENERGIAMAXIMA      IN VARCHAR2,
  DATADARRERAINSPECCIO IN VARCHAR2,
  EnergiaMinima      IN NUMBER,
  KgRebuig           IN NUMBER,

```

```

        RSP                                OUT VARCHAR2
    )

IS
BEGIN
    ALTA CentralPR(CODIC, ADRECA, LOCALITAT, PAIS, ENERGIAMAXIMA, DATADARRERAINSPECCIO, RSP);
    INSERT INTO NUCLEAR VALUES (CODIC, EnergiaMinima, KgRebuig);
    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END ALTA_NUCLEAR;

/

-----
--  DDL for Procedure ALTA_PERSONAFISICA
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_PERSONAFISICA"
(
    Client_nif_cif  IN VARCHAR2,
    nom             IN VARCHAR2,
    Cognom1         IN VARCHAR2,
    Cognom2         IN VARCHAR2,
    Adreca          IN VARCHAR2,
    cp              IN VARCHAR2,
    Poblacio        IN VARCHAR2,
    Regio           IN VARCHAR2,
    Pais            IN VARCHAR2,
    RSP             OUT VARCHAR2
)
IS
BEGIN
    ALTA_CLIENT(Client_nif_cif, RSP);

```

```

INSERT INTO PERSONAFISICA VALUES (Client_nif_cif, nom, Cognom1, Cognom2, Adreca, cp, Poblacio, Regio, Pais);
RSP:= 'Ok';

EXCEPTION

WHEN OTHERS THEN
    DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
    RSP := 'Error'||SQLCODE||SQLERRM;
END ALTA_PERSONAFISICA;

/

-----
-- DDL for Procedure ALTA_PERSONAJURIDICA
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_PERSONAJURIDICA"
(
    CLIENT_NIF_CIF    IN VARCHAR2,
    RAOSOCIAL         IN VARCHAR2,
    ADRECA            IN VARCHAR2,
    CP                IN VARCHAR2,
    POBLACIO          IN VARCHAR2,
    REGIO             IN VARCHAR2,
    PAIS              IN VARCHAR2,
    RSP               OUT VARCHAR2
)
IS
BEGIN
    ALTA_CLIENT(Client_nif_cif, RSP);
    INSERT INTO PERSONAJURIDICA VALUES (CLIENT_NIF_CIF, RAOSOCIAL, ADRECA, CP, POBLACIO, REGIO, PAIS);
    RSP:= 'Ok';

EXCEPTION

WHEN OTHERS THEN
    DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
    RSP := 'Error'||SQLCODE||SQLERRM;

```



```
END ALTA_PERSONAJURIDICA;
```

```
/
```

```
-----  
-- DDL for Procedure ALTA_SOLAR  
-----
```

```
set define off;
```

```
CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_SOLAR"
```

```
(
```

```
    CODIC                IN VARCHAR2,  
    ADRECA                IN VARCHAR2,  
    LOCALITAT            IN VARCHAR2,  
    PAIS                  IN VARCHAR2,  
    ENERGIAMAXIMA         IN VARCHAR2,  
    DATADARRERAINSPECCIO IN VARCHAR2,  
    NoPanells             IN NUMBER,  
    RSP                   OUT VARCHAR2
```

```
)
```

```
IS
```

```
BEGIN
```

```
    ALTA_CENTRALPR(CODIC, ADRECA, LOCALITAT, PAIS, ENERGIAMAXIMA, DATADARRERAINSPECCIO, RSP);
```

```
    INSERT INTO SOLAR VALUES (CODIC, NoPanells);
```

```
    RSP:= 'Ok';
```

```
EXCEPTION
```

```
    WHEN OTHERS THEN
```

```
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
```

```
        RSP := 'Error'||SQLCODE||SQLERRM;
```

```
END ALTA_SOLAR;
```

```
/
```

```
-----  
-- DDL for Procedure ALTA_TERMICA  
-----
```

```
set define off;
```

```

CREATE OR REPLACE PROCEDURE "SYSTEM"."ALTA_TERMICA"
(
    CODIC                IN VARCHAR2,
    ADRECA                IN VARCHAR2,
    LOCALITAT            IN VARCHAR2,
    PAIS                  IN VARCHAR2,
    ENERGIAMAXIMA        IN VARCHAR2,
    DATADARRERAINSPECCIO IN VARCHAR2,
    KgCO2                 IN NUMBER,
    RSP                   OUT VARCHAR2
)
IS
BEGIN
    ALTA_CENTRALPR(CODIC, ADRECA, LOCALITAT, PAIS, ENERGIAMAXIMA, DATADARRERAINSPECCIO, RSP);
    INSERT INTO TERMICA VALUES (CODIC, KgCO2);
    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END ALTA_TERMICA;

/

-----
--  DDL for Procedure Consulta_A
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."Consulta_A"
(
    Localitat            IN VARCHAR2,
    dataP                IN DATE,
    RSP                   OUT VARCHAR2
)
IS

```

```

BEGIN
    EXECUTE IMMEDIATE
    'SELECT CONTRACTE.CODI,
      CONTRACTE.POTENCIA,
      (SELECT ROUND(AVG(HISTORICC.CONSUM), 2) AS "Mitjana consum"
       FROM HISTORICC
      ) AS "Mitjana consum",
      HISTORICC.CONSUM,
      (ROUND((HISTORICC.CONSUM /
        (SELECT ROUND(AVG(HISTORICC.CONSUM), 2) FROM HISTORICC
       ) * 100), 2)) AS "% sobre la mitjana",
      COMPTADOR.LOCALITAT
    FROM COMPTADOR
    INNER JOIN HISTORICC
    ON COMPTADOR.IDCOMPTADOR = HISTORICC.COMPTADOR_IDCOMPTADOR
    INNER JOIN CONTRACTE
    ON COMPTADOR.IDCOMPTADOR = CONTRACTE.COMPTADOR_IDCOMPTADOR
    WHERE (ROUND((HISTORICC.CONSUM /
      (SELECT ROUND(AVG(HISTORICC.CONSUM), 2) FROM HISTORICC
     ) * 100), 2)) > 80
    AND historicC.mes = EXTRACT(MONTH FROM "Consulta_A".dataP)
    AND historicC."any" = EXTRACT(YEAR FROM "Consulta_A".dataP)
    AND COMPTADOR.LOCALITAT = "Consulta_A".Localitat;';

    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END "Consulta_A";

/

-----
-- DDL for Procedure Consulta_B
-----

set define off;

```



```

EXECUTE IMMEDIATE
'SELECT liniacom.codi, SUM(contracte.Potencia) AS "Energia emesa", centralpr.energiamaxima AS "Energia
màxima"
FROM liniacom, Centraleta, Comptador_centraleta, Comptador, contracte, centralpr
WHERE liniacom.codi = centraleta.liniacom_codi
AND centraleta.adreca = comptador_centraleta.centraleta_adreca
AND Comptador.idComptador = comptador_centraleta.comptador_idcomptador
AND contracte.Comptador_idComptador = Comptador.idComptador
AND rownum > 0 AND rownum <= 10
GROUP BY liniacom.codi, centralpr.energiamaxima
ORDER BY "Energia emesa" DESC';

```

```

RSP:= 'Ok';

```

```

EXCEPTION

```

```

WHEN OTHERS THEN
DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
RSP := 'Error'||SQLCODE||SQLERRM;
END "Consulta_C";

```

```

/

```

```

-----
-- DDL for Procedure Consulta_D
-----

```

```

set define off;

```

```

CREATE OR REPLACE PROCEDURE "SYSTEM"."Consulta_D"
(
    RSP                                OUT VARCHAR2
)
IS
BEGIN
EXECUTE IMMEDIATE
'SELECT contracte.dni, contracte.comptador_idcomptador, modelc."model"
FROM contracte, comptador, modelc, comptador_centraleta
WHERE contracte.comptador_idcomptador = comptador.idcomptador
AND comptador.modelc_model = modelc."model"

```

```

        AND COUNT(comptador_centraleta.centraleta_adreca) > 1
    GROUP BY contracte.comptador_idcomptador';

RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END "Consulta_D";

/

-----
--  DDL for Procedure Consulta_E
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."Consulta_E"
(
    CentralP          IN VARCHAR2,
    dataInici         IN DATE,
    dataFi            IN DATE,
    RSP              OUT VARCHAR2
)
IS
BEGIN
    EXECUTE IMMEDIATE
    'SELECT CENTRALPR.CODIC AS "Codi Central",
      COMPTADORLECTURES.COMPTADOR_IDCOMPTADOR AS "Codi comptador",
      SUM(COMPTADORLECTURES.VALOR)           AS "Total energia comptadors",
      (
        SELECT SUM(PRODUCCIOMENSUAL.ENERGIAPRODUIDA)
        FROM PRODUCCIOMENSUAL
        WHERE PRODUCCIOMENSUAL.MES >= EXTRACT(MONTH FROM "Consulta_E".dataInici)
        AND PRODUCCIOMENSUAL."Any" >= EXTRACT(YEAR FROM "Consulta_E".dataInici)
        AND PRODUCCIOMENSUAL.MES <= EXTRACT(MONTH FROM "Consulta_E".dataFi)
      )
    '
    INTO RSP;
END;

```

```

        AND PRODUCCIOMENSUAL."Any" <= EXTRACT(YEAR FROM "Consulta_E".dataFi)
        AND PRODUCCIOMENSUAL.CENTRALPR_CODIC = "Consulta_E".CentralP
    ) AS "Energia produida central"
FROM CENTRALPR
INNER JOIN LINIACOM
ON CENTRALPR.CODIC = LINIACOM.CENTRALPR_CODIC
INNER JOIN CENTRALETA
ON LINIACOM.CODI = CENTRALETA.LINIACOM_CODI
AND LINIACOM.CENTRALPR_CODIC = CENTRALETA.LINIACOM_CENTRALPR_CODIC
INNER JOIN COMPTADOR_CENTRALETA
ON COMPTADOR_CENTRALETA.CENTRALETA_ADRECA = CENTRALETA.ADRECA
INNER JOIN COMPTADOR
ON COMPTADOR.IDCOMPTADOR = COMPTADOR_CENTRALETA.COMPTADOR_IDCOMPTADOR
INNER JOIN COMPTADORLECTURES
ON COMPTADOR.IDCOMPTADOR = COMPTADORLECTURES.COMPTADOR_IDCOMPTADOR
WHERE COMPTADORLECTURES.DATALECTURA >= "Consulta_E".dataInici
AND COMPTADORLECTURES.DATALECTURA <= "Consulta_E".dataFi
GROUP BY CENTRALPR.CODIC,
        COMPTADORLECTURES.COMPTADOR_IDCOMPTADOR';

```

```

RSP:= 'Ok';

```

```

EXCEPTION

```

```

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END "Consulta_E";

```

```

/

```

```

-- DDL for Procedure Consulta_F

```

```

set define off;

```

```

CREATE OR REPLACE PROCEDURE "SYSTEM"."Consulta_F"
(

```

```

        dataInici          IN DATE,
        dataFi             IN DATE,
        RSP                OUT VARCHAR2
    )
IS
BEGIN
    EXECUTE IMMEDIATE
    'SELECT COMPTADORLECTURES.COMPTADOR_IDCOMPTADOR,
      (
        SELECT COUNT(COMPTADORLECTURES.PRESENCIAL) FROM COMPTADORLECTURES WHERE COMPTADORLECTURES.PRESENCIAL = 1
        AND COMPTADORLECTURES.DATALECTURA >= "Consulta_F".dataInici AND COMPTADORLECTURES.DATALECTURA <=
"Consulta_F".dataFi
      ) AS "Presencials",
      (
        SELECT COUNT(COMPTADORLECTURES.COMPTADOR_IDCOMPTADOR) FROM COMPTADORLECTURES WHERE
        COMPTADORLECTURES.DATALECTURA >= "Consulta_F".dataInici AND COMPTADORLECTURES.DATALECTURA <=
"Consulta_F".dataFi
      ) AS "Totals",
      ROUND(( (
        SELECT COUNT(COMPTADORLECTURES.PRESENCIAL) FROM COMPTADORLECTURES WHERE COMPTADORLECTURES.PRESENCIAL = 1
        AND COMPTADORLECTURES.DATALECTURA >= "Consulta_F".dataInici AND COMPTADORLECTURES.DATALECTURA <=
"Consulta_F".dataFi
      ) /
      (
        SELECT COUNT(COMPTADORLECTURES.COMPTADOR_IDCOMPTADOR) FROM COMPTADORLECTURES WHERE
        COMPTADORLECTURES.DATALECTURA >= "Consulta_F".dataInici AND COMPTADORLECTURES.DATALECTURA <=
"Consulta_F".dataFi
      ) ),2) * 100 AS "Percent"
    FROM COMPTADORLECTURES
    GROUP BY COMPTADORLECTURES.COMPTADOR_IDCOMPTADOR';

    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;

```



```

END "Consulta_F";

/
-----
-- DDL for Procedure Consulta_G
-----
set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."Consulta_G"
(
    anys                IN NUMBER,
    RSP                 OUT VARCHAR2
)
IS
BEGIN
    EXECUTE IMMEDIATE
    'SELECT COMPTADOR.IDCOMPTADOR,
      MODEL.C.ANYFABRICACIO
    FROM COMPTADOR
    INNER JOIN MODEL
    ON MODEL.MODEL = COMPTADOR.MODEL
    WHERE modelc.anyfabricacio = EXTRACT (YEAR FROM SYSDATE) - "Consulta_G".anys';

    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END "Consulta_G";

/
-----
-- DDL for Procedure ELIMINA_CENTRALPR
-----
set define off;

```

```

CREATE OR REPLACE PROCEDURE "SYSTEM"."ELIMINA_CENTRALPR"
(
  IDCENTRALPRP          IN VARCHAR2
, RSP                   OUT VARCHAR2
)
IS
BEGIN
  DELETE FROM centralpr
  WHERE CODIC = IDCENTRALPRP;
  RSP:= 'Ok';

EXCEPTION

  WHEN OTHERS THEN
    DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
    RSP := 'Error'||SQLCODE||SQLERRM;
END ELIMINA_CENTRALPR;

/
-----
--  DDL for Procedure ELIMINA_CLIENT
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ELIMINA_CLIENT"
(
  DNIP                  IN VARCHAR2
, RSP                   OUT VARCHAR2
)
IS
BEGIN
  DELETE FROM CLIENT
  WHERE NIF_CIF = DNIP;
  RSP:= 'Ok';

EXCEPTION

```

```

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END ELIMINA_CLIENT;

/
-----
-- DDL for Procedure ELIMINA_COMPTADOR
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ELIMINA_COMPTADOR"
(
    IDCOMPTADORP          IN NUMBER
    , RSP                  OUT VARCHAR2
)
IS
BEGIN
    DELETE FROM comptador
    WHERE idcomptador = IDCOMPTADORP;
    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END ELIMINA_COMPTADOR;

/
-----
-- DDL for Procedure ELIMINA_MODEL_C
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ELIMINA_MODEL_C"
(
    MODELO                IN VARCHAR2

```

```

, RSP                                OUT VARCHAR2
)
IS
BEGIN
    DELETE FROM modelC
    WHERE MODEL = MODELO;
    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END ELIMINA_MODEL;

/

-----
--  DDL for Procedure ELIMINA_PERSONAFISICA
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ELIMINA_PERSONAFISICA"
(
    DNIP                                IN VARCHAR2
, RSP                                OUT VARCHAR2
)
IS
BEGIN
    /*De la taula client*/
    DELETE FROM CLIENT
    WHERE NIF_CIF = DNIP;

    /*I de la taula personafisica*/
    DELETE FROM PERSONAFISICA
    WHERE client_nif_cif = DNIP;

    RSP:= 'Ok';

```

EXCEPTION

```
    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END ELIMINA_PERSONAFISICA;
```

/

-- DDL for Procedure ELIMINA_PERSONAJURIDICA

set define off;

```
CREATE OR REPLACE PROCEDURE "SYSTEM"."ELIMINA_PERSONAJURIDICA"
(
    DNIP                IN VARCHAR2
, RSP                  OUT VARCHAR2
)
IS
BEGIN
    /*De la taula client*/
    DELETE FROM CLIENT
    WHERE NIF_CIF = DNIP;

    /*I de la taula personafisica*/
    DELETE FROM PERSONAJURIDICA
    WHERE client_nif_cif = DNIP;

    RSP:= 'Ok';
```

EXCEPTION

```
    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END ELIMINA_PERSONAJURIDICA;
```

/

```

-----
--  DDL for Procedure ESTADISTICA_1
-----
set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ESTADISTICA_1"
(
    CentralP          IN VARCHAR2,
    RSP               OUT VARCHAR2
)

IS
BEGIN
    EXECUTE IMMEDIATE
    'SELECT centralpr_codic,consumcomptadors
      FROM ESTADISTIC_1
      WHERE centralpr_codic = CentralP';

    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END ESTADISTICA_1;

/
-----
--  DDL for Procedure ESTADISTICA_2
-----
set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ESTADISTICA_2"
(
    liniaCom          IN VARCHAR2,
    "any"             IN NUMBER,
    RSP               OUT VARCHAR2
)

```

```

)

IS
BEGIN
    EXECUTE IMMEDIATE
    'SELECT ESTADISTIC_2.LINIACOM_CODI,
        ESTADISTIC_2.ESTADISTIC_4_5_ANY,
        (ESTADISTIC_2.VALORTOTAL / ESTADISTIC_2.NUM_COMP) AS "Mitjana energia"
    FROM ESTADISTIC_2
    WHERE ESTADISTIC_2.ESTADISTIC_4_5_ANY = "any"
    AND ESTADISTIC_2.LINIACOM_CODI = liniaCom';

    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END ESTADISTICA_2;

/
-----
--  DDL for Procedure ESTADISTICA_3
-----
set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ESTADISTICA_3"
(
    RSP                                OUT VARCHAR2
)

IS
BEGIN
    EXECUTE IMMEDIATE
    'SELECT CODI
    FROM LINIACOM
    WHERE ESTADISTIC_3_MES_CARREGADA = 1;';

```

```

    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END ESTADISTICA_3;

/
-----
--  DDL for Procedure ESTADISTICA_4
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."ESTADISTICA_4"
(
    anyP                IN NUMBER,
    RSP                  OUT VARCHAR2
)

IS
BEGIN
    EXECUTE IMMEDIATE
    'SELECT "Any", MES_50_CONSUM FROM ESTADISTIC_4_5 WHERE "Any" = ESTADISTICA_4.anyP';

    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END ESTADISTICA_4;

/
-----

```



```

-- DDL for Procedure MODIFICA_COMPTADOR
-----
set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."MODIFICA_COMPTADOR"
(
  EIDCOMPTADOR IN NUMBER
, ECARRER_VIA_PLACA IN VARCHAR2
, ENUMEROIMMOBLE IN NUMBER
, EPIS IN NUMBER
, EPORTA IN NUMBER
, ECP IN VARCHAR2
, ELOCALITAT IN VARCHAR2
, EPAIS IN NUMBER
, EKWABSOLUTS IN NUMBER
, EMODELCOMPTADOR_MODEL IN VARCHAR2
, EDARRERALECTURA IN DATE
, RSP OUT VARCHAR2
)
IS
BEGIN
  UPDATE COMPTADOR
  SET "Carrer/via/placa" = ECARRER_VIA_PLACA, NUMEROIMMOBLE = ENUMEROIMMOBLE, PIS = EPIS,
  PORTA = EPORTA, CP = ECP, LOCALITAT = ELOCALITAT, PAIS = EPAIS, KWABSOLUTS = EKWABSOLUTS,
  MODEL_C_MODEL = EMODELCOMPTADOR_MODEL, DARRERALECTURA = EDARRERALECTURA
  WHERE IDCOMPTADOR=EIDCOMPTADOR;
  RSP:= 'Ok';

EXCEPTION

  WHEN OTHERS THEN
    DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
    RSP := 'Error'||SQLCODE||SQLERRM;
END MODIFICA_COMPTADOR;

/
-----
-- DDL for Procedure MODIFICA_COMPTADORLECTURES

```

```

-----
set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."MODIFICA_COMPTADORLECTURES"
(
    ECOMPTADOR_IDCOMPTADOR IN NUMBER ,
    EDATA_L                IN DATE ,
    EPRESENCIAL            IN VARCHAR2 ,
    EVALOR                 IN NUMBER ,
    RSP                    OUT VARCHAR2
)
IS
BEGIN
    UPDATE COMPTADORLECTURES
    SET DATALECTURA = EDATA_L, PRESENCIAL = EPRESENCIAL, VALOR = EVALOR
    WHERE COMPTADOR_IDCOMPTADOR=ECOMPTADOR_IDCOMPTADOR;
    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END MODIFICA_COMPTADORLECTURES;

/
-----
-- DDL for Procedure MODIFICA_HISTORICC
-----
set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."MODIFICA_HISTORICC"
(
    ECOMPTADOR_IDCOMPTADOR IN NUMBER ,
    EMES                   IN NUMBER ,
    EANY_C                 IN NUMBER ,
    ECONSUM                IN NUMBER ,
    RSP                    OUT VARCHAR2

```

```

)
IS
BEGIN
    UPDATE HISTORICC
    SET MES = EMES, "any" = EANY_C, CONSUM = ECONSUM
    WHERE COMPTADOR_IDCOMPTADOR=ECOMPTADOR_IDCOMPTADOR;
    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END MODIFICA_HISTORICC;

/

-----
--  DDL for Procedure MODIFICA_MODEL
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."MODIFICA_MODEL"
(
    EMODEL                IN VARCHAR2
, EFABRICANT             IN VARCHAR2
, EANYFABRICACIO         IN NUMBER
, RSP                    OUT VARCHAR2
)
IS
BEGIN
    UPDATE MODEL
    SET FABRICANT = EFABRICANT, ANYFABRICACIO = EANYFABRICACIO
    WHERE MODEL=EMODEL;
    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN

```

```

        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END MODIFICA_MODEL;

/

-----
--  DDL for Procedure MODIFICA_PERSONAFISICA
-----

set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."MODIFICA_PERSONAFISICA"
(
    EClient_nif_cif  IN VARCHAR2,
    Enom             IN VARCHAR2,
    ECognom1         IN VARCHAR2,
    ECognom2         IN VARCHAR2,
    EAdreca          IN VARCHAR2,
    Ecp              IN VARCHAR2,
    EPoblacio        IN VARCHAR2,
    ERegio           IN VARCHAR2,
    EPais            IN VARCHAR2,
    RSP              OUT VARCHAR2
)
IS
BEGIN
    UPDATE PERSONAFISICA
    SET nom = Enom, Cognom1 = ECognom1, Cognom2 = ECognom2, Adreca = EAdreca,
    cp = Ecp, Poblacio = EPoblacio, Regio = ERegio, Pais = EPais
    WHERE Client_nif_cif = EClient_nif_cif;
    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END MODIFICA_PERSONAFISICA;

```

```

/
-----
--  DDL for Procedure MODIFICA_PERSONAJURIDICA
-----
set define off;

CREATE OR REPLACE PROCEDURE "SYSTEM"."MODIFICA_PERSONAJURIDICA"
(
    ECLIENT_NIF_CIF  IN VARCHAR2,
    ERAOSOCIAL        IN VARCHAR2,
    EADRECA           IN VARCHAR2,
    ECP               IN VARCHAR2,
    EPOBLACIO         IN VARCHAR2,
    EREGIO            IN VARCHAR2,
    EPAIS             IN VARCHAR2,
    RSP               OUT VARCHAR2
)
IS
BEGIN
    UPDATE PERSONAJURIDICA
    SET RAOSOCIAL = ERAOSOCIAL, ADRECA = EADRECA, CP = ECP, POBLACIO = EPOBLACIO,
    REGIO = EREGIO, PAIS = EPAIS
    WHERE CLIENT_NIF_CIF=ECLIENT_NIF_CIF;
    RSP:= 'Ok';

EXCEPTION

    WHEN OTHERS THEN
        DBMS_OUTPUT.PUT_LINE('Error'||SQLCODE||SQLERRM);
        RSP := 'Error'||SQLCODE||SQLERRM;
END MODIFICA_PERSONAJURIDICA;

/

```