

```

CREATE TABLE WORKERS (
  worker_id char(9) not null constraint PK_C_worker_id primary key clustered,
  worker_dni char(9) not null constraint UQ_NC_worker_dni unique nonclustered,
  worker_ssn char(8) not null constraint UQ_NC_worker_ssn unique nonclustered,
  city_address varchar(20) not null,
  street_address varchar(20) not null,
  number_address int not null,
  floor_address char(7) null,
  door_address char(1) null,
  zip_address int not null,
  wk_name varchar(20) not null,
  wk_surname varchar(50) not null,
  wk_dateBirth date not null,
  category not null constraint FK_contracts_category foreign key references contracts
delete on cascade update on cascade,
  type_of_contract not null constraint FK_contracts_con_type foreign key references co
ntracts delete on cascade update on cascade
)

```

```

CREATE TABLE WK_PHONE_NUMBER (
  wk_id char(9) not null constraint PK_wk_id primary key FK_workers_worker_id foreig
n key references workers delete on cascade update on cascade,
  phone_numbers int not null
)

```

```

CREATE TABLE WK_FAXES (
  wk_id char(9) not null constraint PK_wk_id primary key FK_workers_worker_id foreig
n key references workers delete on cascade update on cascade,
  faxes int not null
)

```

```

CREATE TABLE WK_EMAILS (
  wk_id char(9) not null constraint PK_wk_id primary key FK_workers_worker_id foreig
n key references workers delete on cascade update on cascade,
  email varchar(20) not null
)

```

```

CREATE TABLE CONTRACTS (
  contract_id char(9) not null constraint PK_wk_id primary key FK_workers_worker_id f
oreign key references workers delete on cascade update on cascade,
  con_date date not null,

```

```
con_type varchar(15) not null
)
```

```
CREATE TABLE DEVELOPERS (
  dev_id char(9) not null constraint PK_wk_id primary key,
  dep_id int not null,
  coord_id char(9) not null FK_coordinators_coord_id foreign key references coordinato
rs delete on cascade update on cascade,
  adm_id char(9) not null FK_administrators_adm_id foreign key references administra
tors delete on cascade update on cascade,
  group int not null
)
```

```
CREATE TABLE COORDINATORS (
  coord_id char(9) not null constraint PK_wk_id primary key,
  dep_id int not null,
  group int not null
)
```

```
CREATE TABLE ADMINISTRATORS (
  adm_id char(9) not null constraint PK_wk_id primary key,
  dep_id int not null,
  position char(10) not null
)
```

```
CREATE TABLE COOADM (
  adm_id char(9) not null FK_administrators_adm_id foreign key references administra
tors delete restrict update on cascade,
  coord_id char(9) not null FK_coordinators_coord_id foreign key references coordinato
rs delete restrict update on cascade
)
```

```
CREATE TABLE BOOKING (
  adm_id char(9) not null FK_administrators_adm_id foreign key references administra
tors delete restrict update on cascade,
  ser_code char(9) not null FK_services_ser_code foreign key references services delete r
estrict update on cascade,
  login_id char(9) not null FK_customers_login_id foreign key references customers delet
e restrict update on cascade,
  amount int not null
)
```

)

```
CREATE SEQUENCE BookingSeq
start with 1
increment by 1
nomaxvalue;
```

```
create trigger BOOKINGIDENTITY
before insert on Booking
for each row
BEGIN
SELECT BookingIdentitytSeq.nextval into :new.LoginID from dual;
SELECTBookingIdentitytSeq.nextval into :new.WorkerID from dual;
END;
```

```
CREATE TABLE COMPLAINTS (
  adm_id char(9) not null constraint UQ_adm_id unique FK_administrators_adm_id foreign key references administrators delete restrict update on cascade,
  login_id char(9) not null constraint UQ_login_id unique FK_customers_login_id foreign key references customers delete restrict update on cascade ,
  complaint_text char(240) not null,
  complaint_date date not null
)
```

```
CREATE TABLE CUSTOMERS (
  LoginId int constraint PK_C_LoginId primary key,
  Password varchar(30) not null,
  Name varchar(30) not null,
  Surname varchar(50) not null,
  Country varchar(30),
  Email varchar(50) not null,
  Type of membership varchar(20), (*)
)
```

```
CREATE TABLE MEMBERS(
  LoginId_mem int not null constraint PK_C_LoginId primary key FK_customers_login_id
```

foreign key references customers delete on cascade update on cascade
)

```
CREATE TABLE NO MEMBERS(  
  LoginId_no_mem int not null constraint PK_C_LoginId primary key FK_customers_login_id foreign key references customers delete on cascade update on cascade  
)
```

```
CREATE TABLE COMMON OFFERS(  
  LoginId_no_mem int not null constraint PK_C_LoginId primary key FK_NO MEMBERS_LoginId_no_mem foreign key references NO MEMBERS delete on cascade update on cascade,  
  CommonOffers varchar(50),  
  constraint PK_COMMON OFFERS primary key (LoginId, CommonOffers)  
)
```

```
CREATE TABLE SPECIAL OFFERS(  
  LoginId_mem int not null constraint PK_C_LoginId primary key FK_MEMBERS_LoginId_no_mem foreign key references MEMBERS delete on cascade update on cascade,  
  SpecialOffers varchar(50),  
  constraint PK_SPECIAL OFFERS primary key (LoginId, SpecialOffers)  
)
```

```
CREATE TABLE AWARDS(  
  LoginId_mem int not null constraint PK_C_LoginId primary key FK_MEMBERS_LoginId_no_mem foreign key references MEMBERS delete on cascade update on cascade,  
  Awards varchar(255),  
  constraint PK_AWARDS primary key (LoginId, Awards)  
)
```

```
CREATE TABLE PHONE NUMBERS(  
  login_id char(9) not null constraint PK_C_LoginId primary key FK_customers_login_id foreign key references customers delete restrict update on cascade,  
  PhoneNumbers not null,  
  constraint PK_PHONE NUMBERS primary key (LoginId, PhoneNumbers)  
)
```

```
CREATE TABLE ADMA_C(  
  ID_A_C char(9) not null constraint PK_C_ID_A_C primary key FK_ANNOUNCED COMPANIES_ID foreign key references ANNOUNCED COMPANIES delete restrict update on cascade,  
  wk_id int not null constraint PK_C_wk_id primary key FK_workers_I worker_id foreign
```

```
key references workers delete restrict update on cascade,  
Prices int,  
Offers varchar(50),  
constraint PK_ADMA_C primary key (ID, WorkerId, Prices, Offers)  
)
```

```
CREATE SEQUENCE Adma_cSeq  
start with 1  
increment by 1  
nomaxvalue;
```

```
CREATE TRIGGER ADMA_CIdentity  
before insert on ADMA_C  
for each row  
BEGIN  
SELECT Adma_cSeq.nextval into :new.Adma_cID from dual;  
END;
```

```
CREATE TABLE ANNOUNCED COMPANIES(  
ID int constraint PK_C_ANNOUNCED COMPANIES primary key,  
Name varchar(30) constraint U_C_COMPANIENAME unique,  
)
```

```
CREATE TABLE SERVICES (  
Code NUMBER (10) not null CONSTRAINT PK_Code primary key,  
offers varchar(50),  
discount varchar(50),  
date date not null  
)
```

```
CREATE TABLE SERFLI (  
SF_Code varchar (10) not null constraint PK_C_SF_Code primary key FK_SERVICES_C  
ode foreign key references SERVICES delete restrict update on cascade,  
FlightID char (9) not null constraint PK_C_FlightID primary key FK_FLIGHTS_FlightID  
foreign key references FLIGHTS delete restrict update on cascade  
)
```

```
CREATE SEQUENCE SerfliSeq  
start with 1
```

increment by 1

nomaxvalue;

CREATE TRIGGER Serflidentity

before insert on SERFLI

for each row

BEGIN

SELECT SERFLISeq.nextval into :new.FlightID from dual;

END;

CREATE TABLE FLIGHTS(

FlightID NUMBER (9) not null CONSTRAINT PK_FLIGHTS primary key,

row_seat varchar(10) not null,

seat_seat varchar(10) not null,

type varchar(10) not null,

origin varchar(4) not null,

destin varchar(4) not null,

date_go date not null,

hour_go varchar(5) not null,

date_come date not null,

hour_come varchar(5) not null

)

CREATE TABLE SERT_O(

STO_Code varchar (10) not null constraint PK_C_STO_Code primary key FK_SERVICE

S_Code foreign key references SERVICES delete restrict update on cascade,

T_O_id varchar (10) not null constraint PK_C_T_O_id primary key FK TOURISM_OFFE

RS_ID foreign key references TOURISM_OFFERS delete restrict update on cascade

)

CREATE SEQUENCE Sert_oSeq

start with 1

increment by 1

nomaxvalue;

CREATE TRIGGER Sert_oldentity

before insert on SERT_O

for each row

BEGIN

```
SELECT SERT_OSeq.nextval into :new.ID from dual;  
END;
```

```
CREATE TABLE HOTELS(  
Name CHAR (20) not null CONSTRAINT PK_HOTELS primary key,  
ranking varchar(5) not null,  
review varchar(240) not null  
)
```

```
CREATE TABLE SERHOT(  
SH_Code varchar (10) not null constraint PK_C_STO_Code primary key FK_SERVICES_  
Code foreign key references SERVICES delete restrict update on cascade,  
Name_hotel varchar (20) not null constraint PK_C_Name_hotel primary key FK_HOTE  
LS_Code foreign key references HOTELS delete restrict update on cascade  
)
```

```
CREATE SEQUENCE SerHotSeq  
start with 1  
increment by 1  
nomaxvalue;
```

```
CREATE TRIGGER SerHotIdentity  
before insert on SERHOT  
for each row  
BEGIN  
SELECT SERHOTSeq.nextval into :new.Name from dual;  
END;
```

```
CREATE TABLE TOURISM_OFFERS(  
ID NUMBER (10) not null CONSTRAINT PK_TOURISM_OFFERS primary key,  
NumberVisitors int not null,  
date date not null  
)
```

```
CREATE TABLE ROOMS(  
RoomName char (20) not null constraint UQ_NC_worker_dni unique,  
Number (4) not null constraint PK_C_Number primary key,
```

```
check_in date not null,  
check_out date not null,  
beds int not null,  
minibar int,  
TV int,  
smoker int  
)  
CREATE TABLE HOTEL_SERVICES(  
Name_hotel varchar(20) not null constraint PK_C_Name_hotel primary key FK_HOTE  
LS_Code foreign key references HOTELS delete on cascade update on cascade,  
ID_number (9) not null constraint PK_C_ID_number primary key,  
Type char(10) not null constraint UQ_NC_worker_dni unique,  
Price int not null constraint UQ_NC_worker_dni unique,  
HS_date date not null  
)
```