

/\*\*\*\*\*SQL SCRIPT\*\*\*\*\*/

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***DONA'S PART BEGINS HERE***

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```
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  
  contracts 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 foreign  
  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 foreign  
  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 foreign  
  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  
  foreign 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 coordinators  
  delete on cascade update on cascade,  
  adm_id char(9) not null FK_administrators_adm_id foreign key references administrators  
  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 administrators  
  delete restrict update on cascade,  
  coord_id char(9) not null FK_coordinators_coord_id foreign key references coordinators  
  delete restrict update on cascade  
)
```

```
CREATE TABLE BOOKING (  
  adm_id char(9) not null FK_administrators_adm_id foreign key references administrators  
  delete restrict update on cascade,  
  ser_code char(9) not null FK_services_ser_code foreign key references services delete  
  restrict update on cascade,  
  login_id char(9) not null FK_customers_login_id foreign key references customers delete  
  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
)

```

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*IVAN'S PART BEGINS HERE*

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```

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,
```

```
)
```

```
/*****
```

```
BLANCA'S PART BEGINS HERE
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```
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```

```
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_Code 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 SerfliIdentity
```

```
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_SERVICES_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_OFFERS_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_HOTELS_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_HOTELS_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  
)
```