**Tables Script**

Drop table musuemEmp cascade constraints;

Drop table sections cascade constraints;

Drop table exhibts cascade constraints;

Drop table visitor cascade constraints;

Drop table ticket cascade constraints;

Drop sequence empIDSeq ;

Drop sequence secIDSeq ;

Drop sequence ticketIDSeq ;

Drop sequence visitorIDSeq ;

create table musuemEmp

( empID number(5) Primary key,

fName varchar2(25),

mName varchar2(25),

lName varchar2(25),

gender varchar(1),

salary number (10) check (salary>0),

birthDate Date not null,

phoneNumber varchar2(12) unique

);

create table sections

( sectionID number(5) Primary key,

sectionName varchar2(25),

price number (5) check (price>0),

managerID number(5) references musuemEmp (empID)

);

alter table musuemEmp

add (sectionID number(5) );

alter table musuemEmp

add foreign key (sectionID)

references sections (sectionID);

alter table musuemEmp

add (supervisorID number(5) );

alter table musuemEmp

add foreign key (supervisorID)

references musuemEmp (empID);

create table exhibts

( exhibitName varchar2(50) Primary key,

typeExhibit varchar2(50),

arrivalDate Date not null,

countryOfFoundation varchar2(50),

material varchar2(50),

historicalPeriod varchar2(50),

sectionID number(5) references sections (sectionID)

);

create table visitor

( visitorID number(5) Primary key,

visitorName varchar2(25)

);

create table ticket

( ticketID number(5) Primary key,

ticketDate Date not null,

sectionID number(5) references sections (sectionID),

visitorID number(5) references visitor (visitorID)

);

create sequence empIDSeq

start with 1

increment by 1 ;

insert into musuemEmp (empid, fname, mname, lname, gender, salary, birthdate, sectionid, supervisorid, phonenumber)

values (empIDSeq.nextval-1,'Ahmed','Mahmoud','ElKararty','M',7000,'2-Oct-1998',null,null,'010083793723');

insert into musuemEmp (empid, fname, mname, lname, gender, salary, birthdate, sectionid, supervisorid, phonenumber)

values (empIDSeq.nextval-1,'Youssef','Mahmoud','Hussien','M',3000,'9-Sep-2012',null,1,'010127394692');

insert into musuemEmp (empid, fname, mname, lname, gender, salary, birthdate, sectionid, supervisorid, phonenumber)

values (empIDSeq.nextval-1,'Ammar','ElMowafak','Ahmad','M',3000,'10-Jul-2005',null,1,'018927836382');

insert into musuemEmp (empid, fname, mname, lname, gender, salary, birthdate, sectionid, supervisorid, phonenumber)

values (empIDSeq.nextval-1,'Nourhan','Sherif','Mohamed','F',3000,'11-Jan-2000',null,1,'010089263538');

create sequence secIDSeq

start with 1

increment by 1;

insert into sections

values (secIDSeq.nextval-1,'Pharaonic',100, 4);

insert into sections

values (secIDSeq.nextval-1,'Islamic',200,1);

insert into sections

values (secIDSeq.nextval-1,'Greco-Roman',50,2);

update musuemEmp

set sectionID = 2

where empID = 1;

update musuemEmp

set sectionID = 1

where empID = 4;

update musuemEmp

set sectionID = 3

where empID = 2;

update musuemEmp

set sectionID = 2

where empID = 3;

insert into exhibts

values ('Ramesses II','Statue','1-Jan-2018','Egypt','Granite','BC', 1);

insert into exhibts

values ('Tutankhamun','Tomb','7-Jul-2013','Egypt','Gold','BC', 1);

insert into exhibts

values ('Greek hero Hercules','Statue','8-Jan-2014','Egypt','Granite','BC', 3);

insert into exhibts

values ('alexander the great','Statue','2-Sep-2009','Egypt','Granite','BC', 3);

create sequence ticketIDSeq

start with 1

increment by 1;

insert into ticket

values (ticketIDSeq.nextval-1,'1-Jan-2021',1,null);

insert into ticket

values (ticketIDSeq.nextval-1,'1-Jan-2021',3,null);

create sequence visitorIDSeq

start with 1

increment by 1;

insert into visitor

values (visitorIDSeq.nextVal-1,'Mostafa ElKararty');

insert into visitor

values (visitorIDSeq.nextVal-1,'Yasmeen Shash');

update ticket

set visitorID = 1

where ticketID = 1;

update ticket

set visitorID = 2

where ticketID = 2;

commit;