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);
```

```sql
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');
```

```sql
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;
```

```sql
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;
```