create table prison(

prison\_code number(12),

name varchar2(20),

capacity number(10));

create table officers(

officers\_id number(20),

name varchar2(20),

age number(4),

batch number(12),

rank varchar2(10),

shift varchar2(20),

case\_id number(12),

constable\_id number(12),

prison\_code number(12));

create table prisoners\_case(

case\_id number(12),

case\_type varchar2(20),

issue\_date date);

create table constable(

constable\_id number(12),

name varchar2(20),

prison\_number number(12));

create table prisoners(

prisoners\_id number(12),

name varchar2(20),

age number(4),

gender varchar2(12),

blood\_group varchar2(4),

date\_of\_in date,

work\_type varchar2(12),

visitors\_id number(12),

prison\_number number(12),

case\_id number(12));

create table visitors(

visitors\_id number(12),

name varchar2(20),

relation\_with\_prisoner varchar2(12));

create table prison\_cell(

prison\_number number(12),

capacity number(12));

create table officer\_contact(

officer\_id number(20),

contact\_no number(14));

create table constable\_contact(

constable\_id number(20),

mobile\_no number(14));

create table visitor\_contact(

visitors\_id number(20),

phone\_num number(14));

alter table prison add constraint prison\_pk primary key(prison\_code)

alter table officers add constraint officers\_pk primary key(officers\_id)

alter table prisoners\_case add constraint prisoners\_case\_pk primary key(case\_id)

alter table constable add constraint constable\_pk primary key(constable\_id)

alter table prisoners add constraint prisoners\_pk primary key(prisoners\_id)

alter table visitors add constraint visitors\_pk primary key(visitors\_id )

alter table prison\_cell add constraint prison\_cell\_pk primary key(prison\_number )

alter table officer\_contact add constraint officer\_contact\_pk primary key(officer\_id,contact\_no )

alter table constable\_contact add constraint constable\_contact\_pk primary key(constable\_id,mobile\_no )

alter table visitor\_contact add constraint visitor\_contact\_pk primary key(visitors\_id,phone\_num )

alter table officers add constraint case\_id\_fk foreign key(case\_id)

references prisoners\_case(case\_id)

alter table officers add constraint constable\_id\_fk foreign key(constable\_id)

references constable(constable\_id)

alter table officers add constraint prison\_code\_fk foreign key(prison\_code)

references prison(prison\_code)

alter table prisoners add constraint visitors\_id\_fk foreign key(visitors\_id)

references visitors(visitors\_id)

alter table prisoners add constraint prison\_number\_fk foreign key(prison\_number)

references prison\_cell(prison\_number)

desc prison

desc officers

desc prisoners\_case

desc constable

desc prisoners

desc visitors

desc prison\_cell

desc officer\_contact

desc constable\_contact

desc visitor\_contact

create sequence prison\_seq

start with 101

increment by 1

maxvalue 120

nocycle

cache 20

insert into prison values (prison\_seq.nextval,'DHAKA', 200)

insert into prison values (prison\_seq.nextval,'SYLHET', 100)

insert into prison values (prison\_seq.nextval,'CHITTAGONG', 300)

insert into prison values (prison\_seq.nextval,'RANGPUR', 400)

select \*

from prison

insert into constable values (2255,'RAJU',2)

insert into constable values (3366,'RONI',3)

insert into constable values (1144,'SAKIB',4)

insert into constable values (4422,'KARIM',5)

select \*

from constable

create sequence prisoners\_case\_seq

start with 444

increment by 2

maxvalue 500

nocycle

cache 20

insert into prisoners\_case values (prisoners\_case\_seq.nextval,'MURDER', '01-JAN-03')

insert into prisoners\_case values (prisoners\_case\_seq.nextval,'KIDNAP', '22-MAR-05')

insert into prisoners\_case values (prisoners\_case\_seq.nextval,'HIJACK', '12-JUN-09')

insert into prisoners\_case values (prisoners\_case\_seq.nextval,'EVETEASING', '09-SEP-16')

select \*

from prisoners\_case

create sequence officers\_seq

start with 222

increment by 2

maxvalue 300

nocycle

cache 20

insert into officers values (officers\_seq.nextval,'LIMIA', 40, 2000, 'INSPACTOR', 'DAY', 444, 2255,101)

insert into officers values (officers\_seq.nextval,'MALIHA', 45, 2002, 'DEPUTY', 'DAY', 446, 3366,104)

insert into officers values (officers\_seq.nextval,'EMAD', 55, 1999, 'GENERAL', 'NIGHT', 448, 1144,103)

insert into officers values (officers\_seq.nextval,'MIHIR', 60, 1998, 'SUB-INS', 'NIGHT',450 , 4422,101)

select \*

from officers

insert into visitors values (10101,'SAJOTI','BROTHER')

insert into visitors values (10102,'ASHRAFUL','BROTHER')

insert into visitors values (10103,'SADINA','SISTER')

insert into visitors values (10104,'KANTI','BROTHER')

select \*

from visitors

insert into prison\_cell values (20, 2)

insert into prison\_cell values (30, 3)

insert into prison\_cell values (40, 4)

insert into prison\_cell values (10, 1)

select \*

from prison\_cell

insert into prisoners values (20438302,'NOMAN',24, 'MALE','B+', '14-FEB-15', 'Gardening',10101,20 )

insert into prisoners values (3038765,'RAMIM', 26, 'MALE','A+','29-AUG-18', 'CLEANING',10102,30 )

insert into prisoners values (4598765,'MIM', 30, 'FEMALE' ,'0+','31-MAR-20', 'COOKING', 10103,30 )

insert into prisoners values (2359875,'TASIN', 31, 'FEMALE','AB-','31-MAR-20','LAUNDRY',10104,10 )

select \*

from prisoners

insert into officer\_contact values (222, 01327891234)

insert into officer\_contact values (224, 01322011234)

insert into officer\_contact values (226, 01867464234)

insert into officer\_contact values (228, 01867464234)

select \*

from officer\_contact

insert into constable\_contact values (2255, 01645634346)

insert into constable\_contact values (3366, 01435342234)

insert into constable\_contact values (3366, 01456322348)

insert into constable\_contact values (1144, 01567453344)

insert into constable\_contact values (4422, 01234234434)

select \*

from constable\_contact

insert into visitor\_contact values (10101, 01567535349)

insert into visitor\_contact values (10102, 01456467564)

insert into visitor\_contact values (10103, 01766879789)

insert into visitor\_contact values (10104, 01565434534)

select \*

from visitor\_contact