create table C1(

customer\_id varchar2(10) primary key,

dno varchar2(10),

pincode varchar2(10),

email varchar2(30),

name varchar2(20),

noofpaintings integer,

category varchar2(20),

foreign key (pincode) references C2 (pincode));

insert into C1 values ('C101','12/8','50336','EL.IA@EMAIL.COM ','ELIA',1);

insert into C1 values ('C102', '36-9','50449','ISH.A@EMAIL.COM ','ISHA',1);

insert into C1 values ('C103','44','64119','FRED.RIC@EMAIL.COM ','FREDRIC',2);

insert into C1 values ('C104','9562','62652','HARRY22@EMAIL.COM ','HARRY',2);

create table C2(

city varchar2(20),

pincode varchar2(10) primary key,

country varchar2(25));

insert into C2 values('tirchur','50336','India');

insert into C2 values('vizag','50449','India');

insert into C2 values('kolkata','64119','India');

insert into C2 values('delhi','62652','India');

create table C3(

customer\_id varchar2(10) primary key,

painting\_id varchar2(10), foreign key (painting\_id) references C4 (painting\_id));

insert into C3 values('C101','P106');

insert into C3 values('C102','P107');

insert into C3 values('C103','P900');

insert into C3 values('C103','P607');

insert into C3 values('C104','P606');

insert into C3 values('C104','P503');

create table C4(

painting\_id varchar2(10) primary key,

amount integer);

insert into C4 values('P106',5000);

insert into C4 values('P107',3000);

insert into C4 values('P900',1000);

insert into C4 values('P607',650);

insert into C4 values('P606',300);

insert into C4 values('P503',900);

create table C5(

customer\_id varchar2(10) primary key,

phone varchar2(15));

insert into C5 values('C101','963852');

insert into C5 values('C102','258963');

insert into C5 values('C103','159874');

insert into C5 values('C104','789456');

create table O1(

owner\_id varchar2(10) primary key,

painting\_id varchar2(10),

name varchar2(20),

email varchar2(30),

customer\_id varchar2(10),

dno varchar2(10),

pincode varchar2(20),

street varchar2(30),

foreign key (customer\_id) references O4 (customer\_id),

foreign key (pincode) references O2 (pincode),

foreign key (painting\_id) references O3 (painting\_id));

insert into O1 values('O01','P106','GOLDIE','GOLD.E@EMAIL.COM ','C101','166R','50336','12th gandhinagar ');

insert into O1 values('O01','P107','GOLDIE','GOLD.E@EMAIL.COM ','C102','166R','50336','12th gandhinagar ');

insert into O1 values('O02','P900','FAYE','FA.YE@EMAIL.COM ','C103','20B','50449','Bharatnagar ');

insert into O1 values('O03','P607','JOSIE','JOS.EE@EMAIL.COM ','C103','30C','64119','Villa avenue ');

insert into O1 values('O03','P606','JOSIE','JOS.EE@EMAIL.COM','C104','30C','64119','Villa avenue ');

insert into O1 values('O03','P503','JOSIE','JOS.EE@EMAIL.COM ','C104','30C','64119','Villa avenue ');

create table O2(

pincode varchar2(20) primary key,

city varchar2(20),

country varchar2(20));

insert into O2 values('50336','pune','India');

insert into O2 values('50449','hyderabad','India');

insert into O2 values('64119','salem','India');

create table O3(

painting\_id varchar2(10) primary key,

artist\_id varchar2(10),

time integer,

rent\_status varchar2(10));

insert into O3 values('P106', 'A703',4,'yes');

insert into O3 values('P107','A711',6,'no');

insert into O3 values('P900','A702',3,'no');

insert into O3 values('P607','A704',5,'no');

insert into O3 values('P606','A705',2,'no');

insert into O3 values('P503','A704',1,'yes');

create table O4(

customer\_id varchar2(10) primary key,

painting\_id varchar2(10),

foreign key (painting\_id) references O3 (painting\_id));

insert into O4 values('C101','P106');

insert into O4 values('C102','P107');

insert into O4 values('C103','P900');

insert into O4 values('C103','P607');

insert into O4 values('C104','P606');

insert into O4 values('C104','P503');

create table O5(

owner\_id varchar2(10) primary key,

Phone varchar2(10));

insert into O5 values('O01','147852');

insert into O5 values('O02','258741');

insert into O5 values('O03','321654');

create table painting(

Painting\_id varchar2(10) primary key;

Artist\_id varchar2(10);

name varchar2(30);

theme varchar2(20);

amount integer;

status varchar2(20));

insert into painting values('P106','A703','The reds Ky','Abstract',299,'returned');

insert into painting values('P107','A711','Mt Machupicchu','Nature',349,'Not returned');

insert into painting values('P503','A704','Enlightenment','Devotional',309,'Returned');

insert into painting values('P606','A705','The old','Freehand',249,'Not returned');

insert into painting values('P607','A704','Into the cosmos','Scientific',399,'Not returned');

insert into painting values('P900','A702','Haunting skull','spooky',249,'Not returned');

create table A1(

artist\_id varchar2(10) primary key,

name varchar2(20),

painting\_id varchar2(10),

email varchar2(30),

total\_paintings integer,

D.no varchar2(20),

Street varchar2(35),

pincode varchar2(20),

foreign key (pincode) references A2 (pincode));

insert into A1 values('A702','KAYJAY','P900','KAY.J@EMAIL.COM',1,'668','12 downtown','76205');

insert into A1 values('A703','JENNA','P106','JENNA@EMAIL.COM',1,'329','98- westtown','08415');

insert into A1 values('A704','ROSE','P607','ROS.EEE@EMAIL.COM',2,'959','867-jacob st','29626');

insert into A1 values('A704','ROSE','P503','ROS.EEE@EMAIL.COM',2,'959','867-jacob st','29626');

insert into A1 values('A705','WALLY','P606','WALL.EEE@EMAIL.COM',1,'420','546-gandhinagar','96230');

insert into A1 values('A711','RAJ','P107','RAJ@EMAIL.COM',1,'398','855-cotton street','56205');

create table A2(

pincode varchar2(20) primary key,

city varchar2(20),

country varchar2(20));

insert into A2 values('76205','indore','India');

insert into A2 values('08415','kanpur','India');

insert into A2 values('29626','nagpur','India');

insert into A2 values('96230','bangalore','India');

insert into A2 values('56205','rajamahendravaram','India');

create table A3(

artist\_id varchar2(10) primary key,

Phone varchar2(10));

insert into A3 values('A702','56743');

insert into A3 values('A703','75321');

insert into A3 values('A704','69413');

insert into A3 values('A705','91120');

insert into A3 values('A711','69420'):

create table R1(

customer\_id varchar2(10) primary key,

painting\_id varchar2(10) primary key,

rental\_date varchar2(20),

rental\_period integer,

no.of times integer,

foreign key (rental\_period) references R2 (rental\_period));

insert into R1 values('C101','P106','1/04/2020',4,2);

insert into R1 values('C102','P107','2/12/2019',6,4);

insert into R1 values('C104','P503','2/05/2020',1,3);

insert into R1 values('C104','P606','29/02/2020',2,2);

insert into R1 values('C103','P607','15/04/2020',5,1);

insert into R1 values('C103','P900','26/1/2020',3,5);

create table R2(

painting\_id varchar2(10) primary key,

rental\_period integer primary key,

rental\_amount integer);

insert into R2 values('P106',4,299);

insert into R2 values('P107',6,349);

insert into R2 values('P503',1,309);

insert into R2 values('P606',2,249);

insert into R2 values('P607',5,399);

insert into R2 values('P900',3,249);

create table CD1(

customer\_id varchar2(10) primary key,

category varchar2(20),

foreign key (category) references CD2 (category));

insert into CD1 values('C101','Bronze');

insert into CD1 values('C102','silver');

insert into CD1 values('C103','gold');

insert into CD1 values('C104'.'platinum');

create table CD2(

category varchar2(20) primary key,

discount\_amount varchar2(20));

insert into CD2 values('Bronze','0%');

insert into CD2 values('silver','05%');

insert into CD2 values('gold','10%');

insert into CD2 values('platinum','15%');

create P1(

customer\_id varchar2(10) primary key,

owner\_id varchar2(10),

rental\_period integer);

insert into P1 values('C101','O01',4);

insert into P1 values('C102','O01',6);

insert into P1 values('C103','O02',3);

insert into P1 values('C103','O03',5);

insert into P1 values('C104','O03',2);

insert into P1 values('C104','O03',1);

create P2(

category varchar2(10) primary key,

customer\_id varchar2(10));

insert into P2 values('C101','bronze');

insert into P2 values('C102','silver');

insert into P2 values('C103','gold');

insert into P2 values('C104','platinum');