User: sys Password: Newuser123

create tablespace bank datafile 'C:\bank.dbf' size 10m;

create user bank

identified by bank

default tablespace bank

Grant all privileges to bank

Grant dba to bank

User: bank Password: bank

**Aadhaars table**

create table aadhaars (

aadhaar\_no varchar2(50) primary key,

name varchar2(50),

phone\_no number(10),

address varchar2(100),

city varchar2(25),

pincode number(10),

gender varchar2(1),

pan\_no varchar2(10));

**Accounts table**

create table accounts(

account\_no varchar2(12) primary key,

aadhaar\_no varchar2(50),

email varchar2(30),

balance number(10,2),

password varchar2(15),

opening\_date date,

upi varchar2(20));

alter table accounts

add foreign key (aadhaar\_no) references aadhaars(aadhaar\_no);

**Cards table**

create table cards (

card\_no varchar2(16) primary key,

account\_no varchar2(12),

expiry varchar2(20),

pin number(4));

alter table cards

add foreign key (account\_no) references accounts(account\_no);

**Registered Payee table**

create table registered\_payee(

payer\_ac\_no varchar2(12),

payee\_ac\_no varchar2(12));

alter table registered\_payee

add foreign key (payer\_ac\_no) references accounts(account\_no);

**Transactions table**

create table transactions(

transaction\_id number(4) primary key,

account\_no varchar2(12),

transaction\_type varchar2(10),

balance number(10,2),

amount number(10,2),

timestamp varchar2(50));

alter table transactions

add foreign key (account\_no) references accounts(account\_no);

**Fixed Deposit table**

create table fixed\_deposit (

fdeposit\_no varchar2(12) primary key,

account\_no varchar2(12),

amount number(10,2),

maturity number(4));

alter table fixed\_deposit

add foreign key (account\_no) references accounts(account\_no);

**alter table registered\_payee add payee\_name varchar2(50);**

**alter table accounts add acholder\_name varchar2(50)**

**Aadhaars table**

insert into aadhaars values( 984567324578 , 'Ravi Tiwari', 9867457845, '214 Happy Home Street', 'Mumbai', 400011, 'M' ,'CHLER09823');

insert into aadhaars values( 984567365478 , 'Walter Rozario', 9867423445, '203 Turner Street', 'Chennai', 480011, 'M' ,'CHTWQ09823');

insert into aadhaars values( 987654321012 , 'Harvey Smith', 9877661234, 'Holy Family Road', 'Mumbai', 400017, 'M' ,'ABAWQ09887');

insert into aadhaars values( 457654321012 , 'Julie Santos', 7899661234, 'Holy Family Road', 'Mumbai', 400017, 'F' ,'ABAWI33887');

**account**

insert into accounts values('123456789012', 984567365478 , 'walter@gmail.com' , 20000 ,'Happy', '29-Jan-2018' , '9867423445@confiance', 'Walter Rozario')

Transactions

insert into transactions values(1, '123456789012', 'Credit' , 5000 ,15000, '29-Jan-2018')

insert into transactions values(2, '123456789012', 'Credit' , 5000 ,10000, '31-Jan-2018')

insert into transactions values(1, '123456789012', 'Debit' , 15000 ,5000, '29-Jan-2018')

insert into transactions values(2, '123456789012', 'Debit' , 10000 ,5000, '31-Jan-2018')

/\*SQLQuery sql = session.createSQLQuery("select \* from Transactions where account\_no =:ab and timestamp between :ab and :ac");

sql.addEntity(Transactions.class);

List<Transactions> stmt = sql.list();\*/

/\*Query hql = session.createQuery("from Transactions where Accounts = :cd and timestamp between :ab and :ac");

hql.setString("cd", acc.getAccountNo());

hql.setString("ab", "20-Jan-2018");

hql.setString("ac", "31-Jan-2018");

List<Transactions> stmt = hql.list();\*/

insert into transactions values(1, '123456789012', 'Credit' , 5000 ,15000, '29-Jan-2018')

insert into transactions values(2, '123456789012', 'Credit' , 5000 ,10000, '31-Jan-2018')

insert into transactions values(1, '123456789012', 'Debit' , 15000 ,5000, '29-Jan-2018')

insert into transactions values(2, '123456789012', 'Debit' , 10000 ,5000, '31-Jan-2018')