CREATE TABLE users

( user\_id int NOT NULL,

user\_name varchar(50) NOT NULL,

user\_phno int,

user\_emailid varchar(50),

user\_address varchar(60),

PRIMARY KEY (user\_id));

CREATE TABLE account (

acc\_id int not null,

acc\_ownerid int not null,

acc\_no int not null,

acc\_type char(30),

acc\_balance int not null,

PRIMARY KEY(acc\_id),

FOREIGN KEY(acc\_ownerid) REFERENCES users(user\_id));

CREATE TABLE login

( login\_id int NOT NULL,

login\_username varchar(50) not null,

login\_password VARCHAR(15) NOT NULL,

UNIQUE(login\_username),

PRIMARY KEY (login\_id));

CREATE TABLE credit

( credit\_id int NOT NULL,

credit\_no int not null ,

credit\_amt INT,

cc\_limit int,

credit\_type varchar(50),

cid int NOT NULL,

cc\_tenure INT,

PRIMARY KEY (credit\_id),

UNIQUE(credit\_no),

FOREIGN KEY (cid) REFERENCES users(user\_id));

CREATE TABLE debit

( debit\_id int NOT NULL,

debit\_no INT,

debit\_amt INT,

debit\_limit int,

debit\_type varchar(50),

did int NOT NULL,

dd\_tenure INT,

PRIMARY KEY (debit\_id),

UNIQUE(debit\_no),

FOREIGN KEY (did) REFERENCES users(user\_id));

CREATE TABLE fund\_transfer (

tf\_id int NOT NULL,

tf\_name char(20) NOT NULL,

tf\_sender\_accno int not null,

tf\_senderid int,

tf\_reciever\_accno int not null,

tf\_recieverid int,

tf\_amt INT,

PRIMARY KEY (tf\_id),

FOREIGN KEY (tf\_senderid) REFERENCES users(user\_id),

FOREIGN KEY (tf\_recieverid) REFERENCES users(user\_id));

CREATE TABLE deposits (

dep\_id int NOT NULL,

dep\_name VARCHAR(50) NOT NULL,

dep\_amt int , dep\_type char(10),

dep\_tenure varchar(15),

depuser\_id int not null,

PRIMARY KEY (dep\_id),

FOREIGN KEY (depuser\_id) REFERENCES users(user\_id));

CREATE TABLE loans

( loan\_id int NOT NULL,

loan\_userid int not null,

loan\_amt int,

loan\_type char(10),

loan\_rate\_perc int,

loan\_tenure\_yrs int,

PRIMARY KEY (loan\_id),

FOREIGN KEY(loan\_userid) REFERENCES users(user\_id));

insert into users values(1,’James’ , 34256789,’james@gmail.com’ ,’450 Stone, Houston,TX’);

insert into users values(2 ,’Robert’ , 21628789,’robert@gmail.com’ ,’225 Brigade, Texas’);

insert into users values(3 ,’Willams’,78946789 ,’williams@gmail.com’ ,’Sand Rock Road, San Fransisco’);

insert into users values(4,’Amar’, 34639489,’amar23@gmail.com’,’Najda street, Abu Dhabi’);

insert into users values(5,’Saioni’, 33840789,’saioni@gmail.com’ ,’SaltLake, Kolkata’);

insert into users values(6 ,'Aishwarya’, 67596789, 'aishwarya99@gmail.com' ,'Electra Street, Abu Dhabi’);

insert into users values(7,’Astha’,64723145,’asthasinha@gmail.com’,’SarojiniNagar, Delhi’);

insert into users values(8,’Shreya’,89356789,’shreyab@gmail.com’ ,’Saharanpur, Kolkata’);

insert into users values(9,’Jenie’, 34677789,’jeniejose@gmail.com’, 'KhalidhyaStreet, Abu Dhabi’);

insert into users values(10,’Shravan’, 87256789 ,’shrvchndr@hotmail.com’,’Stone Palace, Mysore’);

insert into users values(11,’Shreya’, 77256789,’shreyass@hotmail.com’,’Karama, Dubai’);

insert into users values(12,’Anusha’, 34252249 ,’anushack@yahoo.com’,’Indiranagar, Bangalore’);

insert into users values(13,’Reema’, 34686789,’reema@gmail.com',’ 550 street,Gurgaon’);

insert into users values(14,’ Neema ' ,44256789,’neemarose@gmail.com',’Airport Road, Sharjah’);

insert into users values(15,’Seema’ , 54255559 ,’[seema56@hotmail.com](mailto:seema56@hotmail.com)’ ,’557 creek park, California’);

insert into users values(16,’Ronaldo’ , 90256778 ,’ronadd@gmail.com’,’789 wall street, Las Vegas’);

insert into users values(17,’Sheryl’, 52256729 ,’sherylll@gmail.com’,’Modern bakery, Manipur’);

insert into users values(18 ,’Anagha’, 63056778 ,’anagha98@yahoo.com’,’Kanur, Kerala’);

insert into users values(19,’Sakshi’, 462569900 ,’sgoel@gmail.com’ ,’tt park, Assam’);

insert into users values(20 ,’Akshata’, 27482748 ,’ak@hotmail.com’ ,’Indiranagar,Bangalore’);

insert into users values(21,’ Akshay’, 28882748,’akshayk@gmail.com’,’Hsr Layout,Bangalore’);

insert into users values(22,’Aisha’, 35882748,’aishu@yahoo.com’,’SaltLake, Kolkata’);

insert into users values(23 ,’Lamya’ , 35907748 ,’lamyab@gmail.com’,’CentralLane ,Canada’);

insert into users values(24 ,'Rasha’, 38707748 ,'rsk98@yahoo.com’,'HangingGardentower, AbuDhabi’);

insert into users values(25 ,’Amisha’, 38700748 ,’amsh99@gmail.com’,'HangingGarden tower, AbuDhabi’);

insert into users values(26,’Akash’, 90340748 ,’akashnair@yahoo.com’ ,’Sultan Bakery, Sharjah’);

insert into users values(27 ,’Swapneel’ ,90340003 ,’swapmagn@yahoo.com’,’PTR street,Mumbai’);

insert into users values(28 ,’Johnny’ , 99340003 ,’johnt@yahoo.com’ ,’220 West Turbo,Dallas’);

insert into users values(29,’Stacy’, 99340889 ,’stacy88@gmail.com’ ,’227 South presa Street, Canada’);

insert into users values(30 ,’Rose’, 90365889 ,’rose099@gmail.com’,’778 Middlex Street, Canada’);

insert into users values(31,’Naitan’, 90984889 ,’naitan23@gmail.com’,’Dee Harvard Sreet, Croatia’);

insert into users values(32,’Adithya’, 93456003 ,’adii99@yahoo.com’ ,’MMR street,Mumbai’);

insert into users values(33,’Arsha’ , 90343345 ,’arsha5@yahoo.com’ ,’Zair Statue, Sharjah’);

insert into users values(34,’Ross’, 23452003 ,’rossff@yahoo.com’,’990 walk lane,Dallas’);

insert into users values(35,’Rachel’, 46752003 ,’rachel34@hotmail.com’ ,’990 street church, Chicago’);

insert into users values(36,’Akanksha’, 27895003 ,’akansha78@hotmail.com’,’78 Fort Avenue, Paris’);

insert into users values(37 ,’Ray’, 73356475 ,’raydj@hotmail.com’,’Geneva ,Switzerland’);

insert into users values(38 ,’Don’, 34658204 ,’don21@gmail.com’,’220 street wakers,Germany’);

insert into users values(39 ,’Edwin’, 8964758 ,’edwin89@yahoo.com’,’789 wall street, Las Vegas’);

insert into users values(40 ,’Derek’, 34658234 ,’derek@hotmail.com’,'7 street, Belgium’);

insert into users values(41,’Evlin’, 76820483 ,’evlin@gmail.com’,’51 Tomb street, Bangkok’);

insert into users values(42 ,’Jennifer’, 68820483,’jen@yahoo.com’,’MG road, Delhi’);

insert into users values(43 ,'Joel’, 90820483 ,’joeln@hotmail.com’,’Exotic Garden, Portugal’);

insert into users values(44 ,’Johnson’, 57395638 ,’jon@yahoo.com’, 'Kannur, Kerala’);

insert into users values(45 ,’Ray’, 57869638 ,’ ray@yahoo.com’,’Zurich, Switzerland’);

insert into users values(46 ,’Stacy’, 91209384,’stacee8@hotmail.com’,’227 South presa Street, Canada’);

insert into users values(47 ,’Chandler’, 78920483 ,’ chandler@gmail.com’ ,’Pitluk Avenue, San Antino’);

insert into users values(48 ,'Stella’ , 68820409 ,’stella@yahoo.com’ ,’MG road, Delhi’);

insert into users values(49 , 'Vinay’ , 57395888 ,’vr99@gmail.com’, 'Thrissur, Kerala’);

insert into users values(50 , 'Drake’ , 38999934 , 'drake@hotmail.com’ , '7 street, Pune’);

insert into credit values(1000, 253678,10000,1000000,'revolving',49,6);

insert into credit values(1001, 100000,190000,5000000,'installment',23,12);

insert into credit values(1002, 100001,1900,90000,'open',42,10);

insert into credit values(1003, 100002,20000,1000000,' installment ',21,20);

insert into credit values(1004, 100003,9900,89000,' installment ',8,17);

insert into credit values(1005, 100004,2100,122000,’open’,12,19);

insert into credit values(1006 ,100005,8900,39999,'revolving',38,20);

insert into credit values(1007 ,100006,21000,500000,’ installment’,2,8);

insert into credit values(1008 ,100007,34000,900000,’open’,24,19);

insert into credit values(1009 ,100008,3000,20000, ’open’,4,14);

insert into credit values(1010 ,100009,41000,890000,’installment’,29,18);

insert into credit values(1011 ,100010,90000,990000, 'revolving',45,13);

insert into credit values(1012 ,100011,20000,970000,’open’,14,7);

insert into credit values(1013 ,100012,80000,790000,’installment’,16,16);

insert into credit values(1014 ,100013,30000,970000,’ installment’,33,12);

insert into credit values(1015 ,100014,20000,170000,’revolving’,47,18);

insert into credit values(1016 ,100015,33000,470000,’open’,25,12);

insert into credit values(1017 ,100016,25000,550000,’installment’,34,9);

insert into credit values(1018 ,100017,90000,650000,’installment’,3,10);

insert into credit values(1019 ,100018,12000,350000,’revolving’,40,19);

insert into credit values(1020 ,100019,32000,220000, ’open’,36,13);

insert into debit values(1001,10000,51000,900000,’visa electron debit ’ ,29,22);

insert into debit values(1002,10001,22000,880000, ‘mastercard’,30,20);

insert into debit values(1003,10002,12000,450000, ‘contactless debit’,9,10);

insert into debit values(1004,10003,1000,230000,'maestro debit',48,7);

insert into debit values(1005,10004,10000,280000,'mastercard debit',5,9);

insert into debit values(1006,10005,12000,200000,'mastercard debit',6,10);

insert into debit values(1007 ,10006,11000,300000,'visa debit',10,18);

insert into debit values(1008,1007,10000,90000,'visa electron debit',43,19);

insert into debit values(1009,10008,12000,340000,'maestro debit',32,24);

insert into debit values(1010,10009,2000,120000,'mastercard debit',18,8);

insert into debit values(1011,10010,21000,190000,'visa debit',23,13);

insert into debit values(1012,10012,3000,20000,'visa debit',41,17);

insert into debit values(1013,10013,23000,120000,'mastercard debit',12,6);

insert into debit values(1014, 10014,23000,390000,'maestro debit',21,15);

insert into debit values(1015, 10015,12000,43000,'visa debit',34,17);

insert into debit values(1016, 10016,90000,140000,'mastercard debit',30,14);

insert into debit values(1017,10017,1000,12000,'visa electron debit',31,19);

insert into debit values(1018,10018,9000,39000,'visa debit',19,20);

insert into debit values(1019 ,10019,98000,240000,'mastercard debit',17,14);

insert into debit values(1020, 10020,63000,230000,'maestro debit',46,13);

INSERT into login values ('111','aa','aa11');

INSERT into login values ('112','ab','ab11');

INSERT into login values ('113','ac','ac11');

INSERT into login values ('114','ad','ad11');

INSERT into login values ('115','ae','ae11');

INSERT into login values ('116','af','af11');

INSERT into login values ('117','ag','ag11');

INSERT into login values ('118','ah','ah11');

INSERT into login values ('119','ai','ai11');

INSERT into login values ('120','aj','aj11');

INSERT into login values ('121','ba','ba11');

INSERT into login values ('122','bb','bb11');

INSERT into login values ('123','bc','bc11');

INSERT into login values ('124','bd','bd11');

INSERT into login values ('125','be','be11');

INSERT into login values ('126','bf','bf11');

INSERT into login values ('127','bg','bg11');

INSERT into login values ('128','bh','bh11');

INSERT into login values ('129','bi','bi11');

INSERT into login values ('130','bj','bj11');

INSERT into login values ('131','ca','ca11');

INSERT into login values ('132','cb','cb11');

INSERT into login values ('133','cc','cc11');

INSERT into login values ('134','cd','cd11');

INSERT into login values ('135','ce','ce11');

INSERT into login values ('136','cf','cf11');

INSERT into login values ('137','cg','cg11');

INSERT into login values ('138','ch','ch11');

INSERT into login values ('139','ci','ci11');

INSERT into login values ('140','cj','cj11');

INSERT into login values ('141','da','da11');

INSERT into login values ('142','db','db11');

INSERT into login values ('143','dc','dc11');

INSERT into login values ('144','dd','dd11');

INSERT into login values ('145','de','de11');

INSERT into login values ('146','df','df11');

INSERT into login values ('147','dg','dg11');

INSERT into login values ('148','dh','dh11');

INSERT into login values ('149','di','di11');

INSERT into login values ('150','dj','dj11');

INSERT into loans values (1001,1,1000000,'home',5,10);

INSERT into loans values (1002,2,2000000,'personal',6,20);

INSERT into loans values (1003,3,1000000,'home',4,20);

INSERT into loans values (1004,4,5000000,'auto',6,40);

INSERT into loans values (1005,5,6000000,'home',5,10);

INSERT into loans values (1006,6,3000000,'education',5,20);

INSERT into loans values (1007,7,9000000,'home',4,10);

INSERT into loans values (1008,8,5000000,'auto',5,30);

INSERT into loans values (1009,9,8000000,'home',6,20);

INSERT into loans values (1010,10,2000000,'home',3,30);

INSERT into loans values (1011,11,6000000,'personal',4,10);

INSERT into loans values (1012,12,2000000,'home',5,12);

INSERT into loans values (1013,13,6000000,'education',7,15);

INSERT into loans values (1014,14,8000000,'auto',6,20);

INSERT into loans values (1015,15,5000000,'home',4,15);

INSERT into loans values (1016,16,2000000,'personal',8,10);

INSERT into loans values (1017,17,9000000,'home',10,15);

INSERT into loans values (1018,18,4000000,'auto',5,20);

INSERT into loans values (1019,19,1000000,'home',4,10);

INSERT into loans values (1020,20,8000000,'education',6,20);

INSERT into loans values (1021,21,3000000,'home',6,15);

INSERT into loans values (1022,22,5000000,'auto',5,10);

INSERT into loans values (1023,23,2000000,'education',6,12);

INSERT into loans values (1024,24,5000000,'home',4,18);

INSERT into loans values (1025,25,7000000,'home',6,25);

INSERT into loans values (1026,26,1000000,'personal',4,20);

INSERT into loans values (1027,27,4000000,'home',5,15);

INSERT into loans values (1028,28,3000000,'home',6,12);

INSERT into loans values (1029,29,7000000,'auto',4,18);

INSERT into loans values (1030,30,3000000,'personal',6,25);

INSERT into account values (300,1,00000,'savings',500000);

INSERT into account values (301,2,00001,'savings',100000);

INSERT into account values (302,1,00002,'current',600000);

INSERT into account values (303,4,00003,'current',400000);

INSERT into account values (304,1,00004,'savings',150000);

INSERT into account values (305,6,00005,'savings',105000);

INSERT into account values (306,7,00006,'current',156000);

INSERT into account values (307,1,00007,'savings',800000);

INSERT into account values (308,9,00008,'savings',109000);

INSERT into account values (309,1,00009,'current',190000);

INSERT into account values (400,11,00010,'savings',107800);

INSERT into account values (401,12,00011,'current',145600);

INSERT into account values (402,1,00012,'savings',1001230);

INSERT into account values (403,14,00013,'savings',100110);

INSERT into account values (404,1,00014,'current',890000);

INSERT into account values (405,16,00015,'current',180000);

INSERT into account values (406,17,00016,'savings',17000);

INSERT into account values (407,18,00017,'current',1440000);

INSERT into account values (408,19,00018,'current',199000);

INSERT into account values (409,1,00019,'current',178000);

INSERT into account values (500,1,00020,'savings',100900);

INSERT into account values (501,22,00021,'current',111000);

INSERT into account values (502,23,00022,'savings',900000);

INSERT into account values (503,24,00023,'savings',800000);

INSERT into account values (504,25,00024,'current',500000);

INSERT into account values (505,1,00025,'current',120000);

INSERT into account values (506,27,00026,'savings',1014000);

INSERT into account values (507,28,00027,'current',107600);

INSERT into account values (508,29,00028,'savings',100870);

INSERT into account values (509,30,00029,'savings',150000);

INSERT into account values (600,31,00030,'current',600000);

INSERT into account values (601,32,00031,'savings',300000);

INSERT into account values (602,33,00032,'savings',200000);

INSERT into account values (603,34,00033,'current',2300000);

INSERT into account values (604,35,00034,'current',830000);

INSERT into account values (605,36,00035,'savings',780000);

INSERT into account values (606,37,00036,'savings',670000);

INSERT into account values (607,38,00037,'current',450000);

INSERT into account values (608,39,00038,'savings',340000);

INSERT into account values (609,40,00039,'current',120000);

INSERT into account values (700,41,00040,'savings',230000);

INSERT into account values (701,42,00041,'current',560000);

INSERT into account values (702,43,00042,'current',670000);

INSERT into account values (703,44,00043,'savings',680000);

INSERT into account values (704,45,00044,'savings',690000);

INSERT into account values (705,46,00045,'current',490000);

INSERT into account values (706,47,00046,'savings',390000);

INSERT into account values (707,48,00047,'current',290000);

INSERT into account values (708,49,00048,'savings',190000);

INSERT into account values (709,50,00049,'current',180000);

INSERT into deposits values (2001,'aaa',1000000,'fixed',1);

INSERT into deposits values (2002,'abb',1000000,’fixed',2);

INSERT into deposits values (2003,'acc',1000000,'fixed',3);

INSERT into deposits values (2004,'add',1000000,'fixed',4);

INSERT into deposits values (2005,'aee',1000000,'fixed',5);

INSERT into deposits values (2006,'aff',1000000,'fixed',6);

INSERT into deposits values (2007,'agg',1000000,'fixed',7);

INSERT into deposits values (2008,'ahh',1000000,'fixed',8);

INSERT into deposits values (2009,'aii',1000000,'fixed',9);

INSERT into deposits values (2010,'ajj',1000000,'fixed',10);

INSERT into deposits values (2011,'baa',1000000,'fixed',11);

INSERT into deposits values (2012,'bbb',1000000,'fixed',12);

INSERT into deposits values (2013,'bcc',1000000,'fixed',13);

INSERT into deposits values (2014,'bdd',1000000,'fixed',14);

INSERT into deposits values (2015,'bee',1000000,'fixed',15);

INSERT into deposits values (2016,'bff',1000000,'fixed',16);

INSERT into deposits values (2017,'bgg',1000000,'fixed',17);

INSERT into deposits values (2018,'bhh',1000000,'fixed',18);

INSERT into deposits values (2019,'bii',1000000,'fixed',19);

INSERT into deposits values (2020,'bjj',1000000,'fixed',20);

INSERT into deposits values (2031,'caa',1000000,'fixed',21);

INSERT into deposits values (2032,'cbb',1000000,'fixed',22);

INSERT into deposits values (2033,'ccc',1000000,'fixed',23);

INSERT into deposits values (2034,'cdd',1000000,'fixed',24);

INSERT into deposits values (2035,'cee',1000000,'fixed',25);

INSERT into deposits values (2036,'cff',1000000,'fixed',26);

INSERT into deposits values (2037,'cgg',1000000,'fixed',27);

INSERT into deposits values (2038,'chh',1000000,'fixed',28);

INSERT into deposits values (2039,'cff',1000000,'fixed',29);

INSERT into deposits values (2040,'cgg',1000000,'fixed',30);

INSERT into deposits values (2041,'daa',1000000,'fixed',31);

INSERT into deposits values (2042,'dbb',1000000,'fixed',32);

INSERT into deposits values (2043,'dcc',1000000,'fixed',33);

INSERT into deposits values (2044,'ddd',1000000,'fixed',34);

INSERT into deposits values (2045,'dee',1000000,'fixed',35);

INSERT into deposits values (2046,'dff',1000000,'fixed',36);

INSERT into deposits values (2047,'dgg',1000000,'fixed',37);

INSERT into deposits values (2048,'dhh',1000000,'fixed',22,38);

INSERT into deposits values (2049,'dii',1000000,'fixed',39);

INSERT into deposits values (2050,'djj',1000000,'fixed',40);

insert into fund\_transfer values(1,’nft’ ,100 ,1 ,200,50, 100000);

insert into fund\_transfer values(2,’rtg’ ,100 , 1,200,50, 200000);

insert into fund\_transfer values(3,’nft’ ,100 ,1 ,201,49, 800000);

insert into fund\_transfer values(4,’mtg’ ,100 ,1 ,204,15, 100005);

insert into fund\_transfer values(5,’nft’ ,100 ,1 ,200,50, 100000);

insert into fund\_transfer values(6,’nft’ ,101 ,6 ,200,50, 150000);

insert into fund\_transfer values(7,’ddg’ ,101 ,6 ,200,50, 100800);

insert into fund\_transfer values(8,’nft’ ,101 ,6 ,200,50, 100900);

insert into fund\_transfer values(9,’nft’ ,101 ,6 ,200,50, 170000);

insert into fund\_transfer values(10,’rtg’ ,100 ,1 ,200,50, 700000);

insert into fund\_transfer values(11,’nft’ ,100 ,1 ,200,50, 100000);

insert into fund\_transfer values(12,’mft’ ,100 ,1 ,200,50, 400000);

insert into fund\_transfer values(13,’rtg’ ,100 ,1 ,200,50, 100000);

BASIC QUERIES :

1. select loan\_type, count(\*) from loans group by loan\_type;
2. select u.user\_name,u.user\_phno,c.credit\_amt from users as u, credit as c where u.user\_id=c.cid and c.credit\_amt>30000;
3. select \* from users where user\_address like '%Abu Dhabi';
4. select acc\_balance,acc\_ownerid from account order by acc\_balance DESC;
5. select acc\_no,acc\_type,acc\_balance from account where acc\_ownerid = 1;
6. select tf\_senderid,tf\_amt from fund\_transfer where tf\_amt between 150000 and 200000;