create table accounts(account\_id int(5) primary key,account\_type varchar(15) unique,balance int,description varchar(255));

select \*from accounts;

create table loan(loan\_id int primary key,loan\_type varchar(100) unique,loan\_eligibility varchar(255),loan\_roi float);

select \*from loan;

create table branch(branch\_ifsc varchar(20) primary key,branch\_name varchar(100) unique,branch\_address varchar(255),branch\_phone Bigint);

select \*from branch;

create table admin(admin\_id varchar(20) primary key,admin\_name varchar(255),admin\_role varchar(200),admin\_username varchar(100) unique,admin\_password varchar(10));

select \*from admin;

alter table accounts modify account\_id varchar(20);

desc accounts;

alter table loan modify loan\_id varchar(20);

desc branch;

alter table admin modify admin\_password varchar(20) not null;

desc admin;

alter table admin modify admin\_password varchar(20) default '1234';

drop table admin;

create table admin(admin\_id varchar(20) primary key,admin\_name varchar(255),admin\_role varchar(200),admin\_username varchar(100) unique,admin\_password varchar(10) default '1234');

desc admin;

create table customer(customer\_id varchar(20) primary key,

customer\_ac\_no Bigint unique,customer\_name varchar(255),customer\_dob date,

customer\_email varchar(100) unique,customer\_phone bigint,

customer\_aadhar Bigint unique,customer\_pan varchar(20) unique,

customer\_username varchar(200),customer\_password varchar(20) default '1234',

customer\_loan varchar(20) references loan(loan\_id),

customer\_branch\_ifsc varchar(30) references branch(branch\_ifsc),

customer\_ac\_id varchar(20) references account(account\_id)) ;

desc customer;

insert into accounts values('sav001','savings',500,'account for individuals');

insert into accounts values('cur002','current',10000,'account for business');

insert into loan values('LE001','education','student',13);

insert into loan values('LH002','home','earning',15);

insert into loan values('LV001','vehicle','earnings',16);

insert into loan values('LG004','gold','earnings',17);

insert into branch values('SW001','yelahanka','yelahanka,bangalore',08388253145);

insert into branch values('SW002','devanahalli','devanahalli,bangalore',08388253985);

insert into branch values('SW003','yeshwantapur','yeshwantapur,bangalore',08376253145);

select \* from branch;

insert into admin values('AD001','kiran','administrator','root','kiran123');

insert into admin values('MG001','sitara','manager','sitaramgr','sitara123');

insert into admin values('CL001','rohan','clerk','rohancl','rohan123');

select \* from customer;

insert into customer values('C001',1234567890,'riyana',06/05/1997,'riyana@gmail.com',7406543567,123456787654,'CDF123F','riyana','riyana123',NULL,'SW001','SAV001');

set sql\_safe\_updates=0;

desc customer;

create table transaction(tid int primary key,trans\_date date, debit bigint,credit bigint,acc\_no bigint references customer(customer\_ac\_no));

desc customer;