create table customer(

customerId int primary key not null,

name varchar(50),

city varchar(50),

country varchar(50),

phone varchar(50) unique,

email varchar(50) unique,

);

create table customerAccount(

AccountNumber char(9) primary key not null,

customerId int foreign key references customer(customerId) not null,

balance money not null,

minAccount money,

);

create table customerTransaction(

transactionId int primary key not null,

accountNumber char(9) foreign key references customerAccount(accountNumber),

transactionDate smalldatetime,

amount money check(amount>0 and amount<=1000000),

depositorWithdraw bit,

);

insert into customer(customerId,name,city,country,phone,email)

values(1,'Nguyen Ha An','Ha Noi','Viet Nam','0987654321','nha@gmail.com'),

(2,'Khuc Thi Ngan Ha','Ha Noi','Viet Nam','0987654322','ktng@gmail.com'),

(3,'Nguyen Tran Hai Đang','Quang Ninh','Viet Nam','0987654323','nthd@gmail.com');

insert into customerAccount(AccountNumber,customerId,balance,minAccount)

values('123456789',1,500000,100),('123456788',2,100000,200),('123456787',3,300000,500);

insert into customerTransaction(transactionId,accountNumber,transactionDate,amount,depositorWithdraw)

values (1,'123456789','2023-12-23 00:00:00',1000,1),

(2,'123456788','2023-08-20 00:00:00',500,0),

(3,'123456787','2023-11-22 00:00:00',500,1);

select \* from customer;

select \* from customerAccount;

select \* from customerTransaction;

select name from customer where city like 'Ha Noi';

select A.name, A.phone, A.email, B.AccountNumber, B.balance from customer A inner join customerAccount B on A.customerId = B.customerId;

create view view\_all as

select A.name, B.accountNumber, C.transactionDate, C.amount, C.depositorWithdraw

from customer A

inner join customerAccount B on A.customerId = B.customerId

inner join customerTransaction C on B.AccountNumber = C.accountNumber;

select \* from view\_all;