create table customer\_fixed\_deposit(Cust\_id number ,Cust\_Last\_Name varchar(20),Cust\_Mid\_name varchar(2),Cust\_First\_Name varchar(20),Cust\_Email varchar(60),Fixed\_Deposit\_No number,Amount\_in\_Dollars number(6,2),Rate\_of\_Interest\_In\_Percent number(2,1));

insert into customer\_fixed\_deposit values(101,’smith’,’A’,’mike’,’smith\_mike@yahoo.com’,2011,8055.00,6.5);

insert into customer\_fixed\_deposit values(103,’langer’,’G’,’justin’,’langer\_justin@yahoo.com’,2015,2060.00,6.5);

insert into customer\_fixed\_deposit values(104,’quails’,’D’,’jack’,’qualis\_jack@yahoo.com’,3010,3050.00,6.5);

Create table Customer\_Loan( Cust\_ID Number,Loan\_No Number,Amount\_in\_Dollars Number(20,10));

Insert into Customer\_Loan values(101,1011, 8755.00);

Insert into Customer\_Loan values (103,2010, 2555.00);

Insert into Customer\_Loan values (104,2056, 3050.00);

Insert into Customer\_Loan values (103,2015, 2000.00);

CREATE TABLE Customer\_Details(

Cust\_ID Number(5),Cust\_Last\_Name VarChar2(20),Cust\_Mid\_Name VarChar2(4),Cust\_First\_Name VarChar2(20), Account\_No Number(5), Account\_Type VarChar2(10), Bank\_Branch VarChar2(25),Cust\_Email VarChar2(30), PRIMARY KEY(Account\_No));

Insert into Customer\_Details (Cust\_ID, Cust\_Last\_Name, Cust\_Mid\_Name, Cust\_First\_Name, Account\_No, Account\_Type, Bank\_Branch) values (101,’Smith’,’A.’,’Mike’,1020,’Savings’,’Downtown’);

Insert into Customer\_Details values(102,’smith’,’S’,’graham’,2348,’checking’,’bridgewater’,’smith\_graham@rediffmail.com’);

Insert into Customer\_Details values(103,’langer’,’G’,’justin’,3421,’savings’,’plainsboro’,’langer\_jusitn@yahoo.com’);

Insert into Customer\_Details values(104,’qualis’,’D’,’jack’,2367,’checking’,’downtown’,’qualis\_jack@yahoo.com’);

Insert into Customer\_Details values(105,’jones’,’E’,’simon’,2389,’checking’,’brighton’,’jones\_simon@yahoo.com’);

select \* from customer\_fixed\_deposit;

select \* from customer\_loan;

Q1. List customer names of all customers who have taken a loan greater than 3000

select cust\_id,cust\_last\_name,cust\_mid\_name,cust\_first\_name from customer\_details where cust\_id in(select cust\_id from customer\_loan where amount\_in\_dollars>3000);

q2. List customer names of all customers who have the same account type as customer jones simon

select cust\_id,cust\_last\_name,cust\_mid\_name,cust\_first\_name,account\_type from customer\_details where account\_type=(select account\_type from customer\_details where cust\_last\_name='jones' and cust\_first\_name='simon');

q3. List customer names of all customers who do not have a fixed deposit

select cust\_id,cust\_last\_name,cust\_mid\_name,cust\_first\_name from customer\_details where cust\_id not in(select cust\_id from customer\_fixed\_deposit);

q4. List customer names of all customers who have either a fixed deposit or a loan

select cust\_id,cust\_last\_name,cust\_mid\_name,cust\_first\_name from customer\_details where cust\_id in(select distinct cust\_id from customer\_fixed\_deposit union select distinct cust\_id from customer\_loan);

q5. list customer names of all the customers who have either a fixed deposit or a loan but not both at any of the bank branches. It will include the names that have no fixed deposit and loan as well

select cust\_id,cust\_last\_name,cust\_mid\_name,cust\_first\_name from customer\_details where cust\_id not in(select distinct cust\_id from customer\_fixed\_deposit intersect select distinct cust\_id from customer\_loan);

q6. List all the customers who have a fixed deposit of amount less than the sum of all their loans

select cust\_id,cust\_last\_name,cust\_mid\_name,cust\_first\_name from customer\_fixed\_deposit where amount\_in\_dollars<(select sum(amount\_in\_dollars) from customer\_loan where customer\_loan.cust\_id=customer\_fixed\_deposit.cust\_id);