**Week 4**

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**1BM21CS229**

Query 1

Find all the customers who have an account at all the branches located in a specific city (Ex. Delhi).

select d.customername from branch b, depositer d, bankaccount ba where b.branchcity='Delhi' and d.accno=ba.accno and b.branchname=ba.branchname group by d.customername having count(customername)>1;



Query 2

Find all customers who have a loan at the bank but do not

have an account.

select distinct b.customername from borrower b, depositer d

where b.Customername not in(

 select d.customername from loan l,depositer d, borrower b  where l.loannumber=b.loannumber and

d.customername=b.customername );



Query 3

Find all customers who have both an account and a loan at the

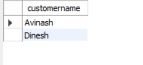
Bangalore branch

select distinct d.customername from depositer d

where d.customername in(

select d.customername from branch br,depositer d, bankaccount ba  where br.branchcity="Banglore" and br.branchname=ba.branchname  and ba.accno=d.accno and d.customername in(

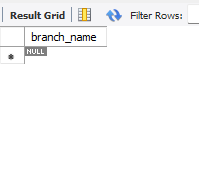
select customername from borrower));



Query 4

Find the names of all branches that have greater assets than all branches located in Bangalore.

select branch\_name from branch where assets>(select sum(assets) from branch where branch\_city='Bangalore');

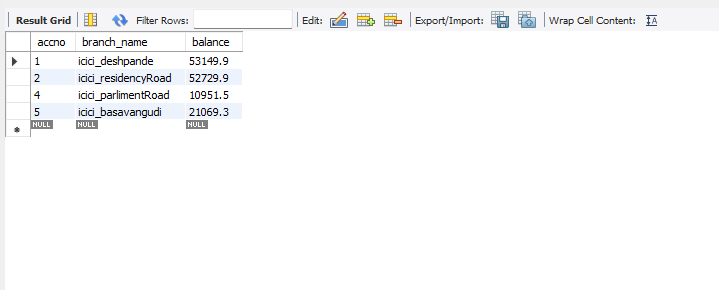


Query 5

Demonstrate how you delete all account tuples at every branch located in a specific city (Ex. Bombay).

**delete from bankaccount where branch\_name in (select branch\_name from branch where branch\_city='Mumbai');**

**select \* from BankAccount;**

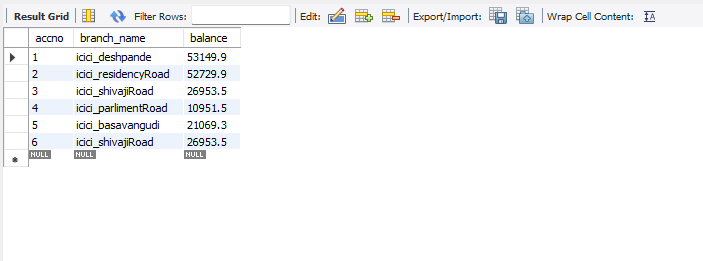


Query 6

Update the Balance of all accounts by 5%

**update BankAccount set balance = balance\*1.05;**

**select \* from BankAccount**



insert into bankaccount values(12,"SBI\_MatriMarg",2000);

insert into branch values("SBI\_MatriMarg","Delhi",200000);

insert into depositer values("Nikil",12);

create table borrower(customername varchar(50), loannumber int, foreign key(customername) references bankcustomer(customername), foreign key(loannumber) references loan(loannumber));

insert into borrower values("Avinash",1),("Dinesh",2),("Mohan",3),("Nikil",4),("Ravi",5);