

## WEEK 4:

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

Select distinct depositor.customer\_name from depositor where depositor.accno in (select bankAccount.accno from bankAccount where bankAccount.branch\_name in (select branch.branch\_name from branch where branch.branch\_city = 'Delhi'));

	customer_name
▶	Niki

**2.Find all customers who have a loan at the bank but do not have an account.**

select customer\_name from borrower where customer\_name not in (select customer\_name from depositor);

	customer_name
▶	Mohan

**3.Find all customers who have both an account and a loan at the Bangalore branch**

select customer\_name from borrower b where b.loan\_number in (select l.loan\_number from loan l where l.branch\_name in (select branch\_name from branch where branch\_city like ('Bangalore')))) and customer\_name in (select customer\_name from depositor);

	customer_name
▶	Avinash
	Dinesh

**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 max(assets) from branch where branch_city like ('Bang%'))
and branch_city not in ('Bangalore');
```

	branch_name
▶	SBI_MantriMarg
•	NULL

**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 like ('Bom%'));
```

	accno	branch_name	balance
▶	1	SBI_Chamrajpet	2000
	2	SBI_ResidencyRoad	5000
	4	SBI_ParliamentRoad	9000
	5	SBI_Jantarmanatar	8000
	8	SBI_ResidencyRoad	4000
	9	SBI_ParliamentRoad	3000
	10	SBI_ResidencyRoad	5000
	11	SBI_Jantarmanatar	2000
	12	SBI_MantriMarg	2000
•	NULL	NULL	NULL

**6.Update the Balance of all accounts by 5%**

```
update bankAccount set balance = (balance + (balance*0.05))
```

	accno	branch_name	balance
▶	1	SBI_Chamrajpet	2100
	2	SBI_ResidencyRoad	5250
	4	SBI_ParliamentRoad	9450
	5	SBI_Jantarmentar	8400
	8	SBI_ResidencyRoad	4200
	9	SBI_ParliamentRoad	3150
	10	SBI_ResidencyRoad	5250
	11	SBI_Jantarmentar	2100
	12	SBI_MantriMarg	2100
▲	NULL	NULL	NULL

**ONSPOT QUERY: Demonstrate how you delete all branches in a specific city**

delete from branch where branch\_city like 'Bang%' ;

	branch_name	branch_city	assets
▶	SBI_Jantarmentar	Delhi	20000
	SBI_MantriMarg	Delhi	200000
	SBI_ParliamentRoad	Delhi	10000
	SBI_ShivajiRoad	Bombay	20000
▲	NULL	NULL	NULL