WEEK - 4

```sql
create view sum_loans
as
select branch_name,sum(amount)
from loans
group by branch_name;
select * from sum_loans;
select branch_name from branch b
where b.assets>(select max(assets) from branch c where c.city='bangalore');
select distinct customer_name from depositer
where acc_no in
(select b.acc_no from bank_account b
where branch_name in(select a.branch_name
from branch a inner join bank_account b on a.branch_name=b.branch_name
where city='delhi'));
create table borrow
(customer_name varchar(20),
loan_no int,
primary key(customer_name,loan_no),
foreign key(customer_name) references customer(customer_name) on delete cascade,
foreign key(loan_no) references loans(loan_no) on delete cascade);
insert into borrow values('avinash',1),('dinesh',2),('mohan',3),('nikil',4),('ravi',5);
select * from borrow;
select customer_name from borrow b
where customer_name not in(select customer_name from depositer);
```

```
86 •     select * from sum_loans;
```

Result Grid | Filter Rows:

branch_name	sum(amount)
SBI_chamrajpet	1000
SBI_jantarmantar	5000
SBI_parlimentroad	4000
SBI_residencyroad	2000
SBI_shivajiroad	3000

```
102 •     select * from borrow;
```

Result Grid | Filter Rows:

customer_name	loan_no
avinash	1
dinesh	2
mohan	3
nikil	4
ravi	5
NULL	NULL

Result Grid |

customer_name
ravi
dinesh
nikil
avinash

```
103 •     select customer_name from borrow b
104       where customer name not in(select customer name from depositer);
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

customer_name
mohan