

A)Multitable Retrival

1)find the details of Emp and Dept based on matching coloumns
(Equi join)(innerjoin)

```
select * from emp e1,dept t1 where e1.dno=t1.dno
```

```
select *from emp e Inner join dept d on e.dno=d.dno
```

2)Display Ename who works for department 10 and department
located in london

```
select ename from emp,dept where emp.dno=10 and  
location='london'
```

3)Display those employees who have same date of joining (self-join)

```
select e1.ename,e1.doj from emp e1,emp e2 where e1.doj=e2.doj  
and e1.eno<>e2.eno
```

4)Display those Employees who belong to different department (non-
equi-join)

```
select distinct e1.ename from Emp e1,Emp e2 where  
e1.dno<>e2.dno
```

5)Display details of both tables of matching coloumns and display the
null values (outer-join)

```
select * from Emp e left join dept d on e.dno=d.dno
```

```
select * from Emp e right join dept d on e.dno=d.dno
```

```
select * from Emp e full join dept d on e.dno=d.dno
```

B)Referential integrity Errors

1)Inserting a new child record

```
insert into emp values(31,'ram',48000,'15-sep-03',459,457,100)
```

2)updating a new record

```
update dept set dno=100 where dno=20
```

3)Removal of parent Record

```
delete from dept where dno=10
```