

## Exercise 6

1. Display all the Suppliers with the same Status as the supplier, 'CLARK'.

```
select * from S where Status = (select Status from S where Sname='CLARK');
```

2. Display all the Employees in the same department as the employee MILLER'.

```
select Ename from emp where deptno=(select deptno from emp where  
ename='MILLER');
```

3. Display all the Parts which have more Weight than all the Red parts.

```
select pname,weight from p where weight>any (select weight from p where  
color='red');
```

4. Display all the Projects going on in the same city as the project 'TAPE'.

```
select jname , city from j where city=(select city from j where jname='TAPE');
```

5. Display all the Parts with Weight less than all the Green parts.

```
select pname , weight from p where weight<any(select weight from p where  
color='Green');
```

6. Display the name of the Supplier who has sold the maximum Quantity (in one sale).

```
select s.sname,max(spj.qty) maxqty from s join spj on spj.`s#`=s.`s#` group by  
s.sname order by maxqty desc limit 1;
```

7. Display the name of the Employee with the minimum Salary.

```
select ename from emp where sal = (select min(sal) from emp);
```

8. Display the name of the Supplier who has sold the maximum overall Quantity (sum of Sales).

```
select S.Sname, sum(spj.qty) sumqty from s join spj on s.`s#`=spj.`s#` group by  
S.sname order by sumqty desc limit 1;
```

9. Display the name of the Department with the maximum number of Employees.

```
select dept.dname, count(emp.deptno) maxcount from emp join dept on  
emp.deptno=dept.deptno group by dept.dname order by maxcount desc limit 1 ;
```