SQL Exercise 6

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

```
mysql> select sname,status from supplier
    -> where status in(select status
    -> from supplier where sname='madhura');
+---------+--------+
| sname   | status |
+---------+--------+
| Madhura |     14 |
+---------+--------+
1 row in set (0.00 sec)
```

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

   select * from emp where deptno in(select deptno from dept where ename

   ='miller');

```
mysql> select * from emp where deptno in(select deptno from dept where ename
='miller');
+-------+--------+-------+------+------------+---------+------+--------+
| EMPNO | ENAME  | JOB   | MGR  | HIREDATE   | SAL     | COMM | DEPTNO |
+-------+--------+-------+------+------------+---------+------+--------+
|  7934 | MILLER | CLERK | 7782 | 1982-01-23 | 1300.00 | NULL |     10 |
+-------+--------+-------+------+------------+---------+------+--------+
1 row in set (0.00 sec)
```

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

select * from parts p where p.weight>(select weight from parts m

where m.color='red');

```
mysql> select * from parts p where p.weight>(select weight from parts m
    -> where m.color='red');
+-----+-------+--------+--------+--------+
| pid | pname | color  | weight | city   |
+-----+-------+--------+--------+--------+
| 102 | P2    | blue   |     15 | London |
| 103 | P3    | green  |     12 | Athens |
+-----+-------+--------+--------+--------+
2 rows in set (0.00 sec)
```

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

select jname from projects where city=(select city from projects wher
e jname='tape');

```
mysql> select jname from projects where city=(select city from projects wher
e jname='tape');
+-------+
| jname |
+-------+
| Tape  |
+-------+
1 row in set (0.00 sec)
```

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

   select pid,pname,color from parts where weight <(select weight from p

   arts where color='green');

```
mysql> select pid,pname,color from parts where weight <(select weight from p
arts where color='green');
+-----+-------+-------+
| pid | pname | color |
+-----+-------+-------+
| 101 | P1    | red   |
| 104 | P4    | blue  |
+-----+-------+-------+
2 rows in set (0.00 sec)
```

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

select sname from supplier where sid =(select sid from spj where qty =(select max(qty) from spj));

```
       at line 1
mysql> select sname from supplier where sid =(select sid from spj where qty
=(select max(qty) from spj));
+--------+
| sname  |
+--------+
| sneha  |
+--------+
1 row in set (0.01 sec)

mysql>
```

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

select ename,min(sal) from emp having min(sal);

```
mysql> select ename,min(sal) from emp having min(sal);
+--------+----------+
| ename  | min(sal) |
+--------+----------+
| SMITH  |   800.00 |
+--------+----------+
1 row in set (0.00 sec)
```

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

select sname from supplier where sid = (select sid from spj where qty

=(select max(qty) from spj));

```
mysql> select sname from supplier where sid = (select sid from spj where qty
 =(select max(qty) from spj));
+--------+
| sname  |
+--------+
| sneha  |
+--------+
1 row in set (0.00 sec)

mysql>
```

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

select d.deptno,d.dname,count(*) from dept d,emp e where d.deptno=e.deptno group by deptno order by deptno desc limit 1;

```
mysql> select d.deptno,d.dname,count(*) from dept d,emp e where d.deptno=e.d
eptno group by deptno order by deptno desc limit 1;
+--------+-------+----------+
| deptno | dname | count(*) |
+--------+-------+----------+
|     30 | SALES |        6 |
+--------+-------+----------+
1 row in set (0.01 sec)
```