Ex.No : 6
SELECT with various clause – GROUP BY, HAVING, ORDER BY
Questions:
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GROUP BY - HAVING

1. Display the courseno and the number of students registered in each course if no of students registered is>1.

```
mysql> select courseno,count(*) from student group by courseno having count(*)>1;
+----------+----------+
| courseno | count(*) |
+----------+----------+
| cs1      |        2 |
+----------+----------+
1 row in set (0.00 sec)
```

2. Display the facno whose department is getting average salary greater than 25000

```
mysql> select facno from faculty group by deptno having avg(salary)>25000;
+-------+
| facno |
+-------+
| 1     |
| 3     |
| 4     |
+-------+
3 rows in set (0.00 sec)
```

ORDER BY

1.   Retrieve Name, Gender, MobileNo of all the students in ascending order of RegNo.

```
mysql> select name,gender,mobileno from student order by regno;
+--------+--------+-----------+
| name   | gender | mobileno  |
+--------+--------+-----------+
| surya  | m      | 701012333 |
| venkat | f      | 837493110 |
| uday   | m      | 938174374 |
+--------+--------+-----------+
3 rows in set (0.00 sec)
```

2.   List the faculty members in the order of older faculty first.

```
mysql> select facno from faculty order by dob desc;
+-------+
| facno |
+-------+
| 1     |
| 4     |
| 3     |
| 2     |
+-------+
4 rows in set (0.00 sec)
```