

NAME : B.MADHAV  
REGISTER NUMBER : 192110263  
COURSE CODE : CSA0520  
COURSE NAME : DATABASE MANAGEMENT FOR DATA ANALYTICS

## **SELECT with various clause – GROUP BY, HAVING, ORDER BY**

### **Questions:**

#### **GROUP BY - HAVING**

1. How many students are registered for each course? Display the course description and the number of students registered in each course.
2. How many courses did each student register for? Use Assessment table.

#### **ORDER BY**

1. Retrieve Name, Gender, MobileNo of all the students in ascending order of RegNo.
2. List the faculty members in the order of older faculty first.

### **OUTPUTS:**

1)

```
mysql> select courseno,count(courseno) from course group by courseno;
+-----+-----+
| courseno | count(courseno) |
+-----+-----+
| 1 | 1 |
+-----+-----+
1 row in set (0.06 sec)
```

2)

```
mysql> select courseno,count(score) from course group by courseno;
+-----+-----+
| courseno | count(score) |
+-----+-----+
| 1 | 1 |
+-----+-----+
1 row in set (0.00 sec)
```

3)

```
mysql> select name,DOB from student order by regno;
```

sno	name	regno	DOB
1	mukesh	191811309	2001
2	nani	191811319	2001
3	ram	191811320	2000
4	ntr	191811321	2000

4)

```
mysql> select * from faculty order by Dob;
+-----+-----+-----+-----+-----+-----+
| Facno | FacName | gender | Dob   | mobileno | DOJ   |
+-----+-----+-----+-----+-----+-----+
|      2 | somu    | m      | 1999 | 465415456 | 1987 |
|      1 | ramu    | M      | 2000 | 90515252  | 2001 |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.06 sec)
```

