**Ex.No : 6**

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

**Questions:**

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**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. mysql> select courseno,count(\*) from student group by courseno having count(\*)>1;
3. +----------+----------+

| courseno | count(\*) |

1. +----------+----------+
2. | c1       |        3 |
3. | c2       |        2 |
4. +----------+----------+
5. 2 rows in set (0.00 sec)
6. How many courses did each student register for? Use Assessment table.
7. mysql> select facno from faculty group by deptno having avg(salary)>25000;
8. +-------+
9. | facno |
10. +-------+
11. | f2    |
12. +-------+
13. 1 row in set (0.00 sec)

**ORDER BY**

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

mysql> select facno from faculty group by deptno having avg(salary)>25000;

+-------+

| facno |

+-------+

| f2    |

+-------+

1 row in set (0.00 sec)

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

mysql> select facno from faculty order by dob desc;

+-------+

| facno |

+-------+

| f1    |

| f4    |

| f3    |

| f2    |

+-------+

4 rows in set (0.00 sec)