**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(\*) |

+----------+----------+

| c1       |        3 |

| c2       |        2 |

+----------+----------+

2 rows in set (0.00 sec)

1. 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 |

+-------+

| f2    |

+-------+

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 name,gender,mobileno from student order by regno;

+---------+--------+------------+

| name    | gender | mobileno   |

+---------+--------+------------+

| magesh  | m      | 1234567891 |

| reshma  | m      | 1231231231 |

| nisha   | f      | 1131231231 |

| sathish | f      | 1423123423 |

| gans    | m      | 1233456644 |

+---------+--------+------------+

5 rows 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)