**Ex.No : 6**

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

**Questions**:

**GROUP BY - HAVING**

1. Display the course\_no and the number of students registered in each course only if no of students > 1 .

mysql> select course\_no,count(\*) from student group by course\_no having count(\*)>1;

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

| course\_no | count(\*) |

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

| C001 | 3 |

| C010 | 2 |

| C011 | 2 |

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

1. rows in set (0.00 sec)

2.Display the faculty number whose department is getting average salary>25000.

mysql> select fac\_no from faculty group by dept\_no having avg(salary)>25000;

+--------+

| fac\_no |

+--------+

| 1231 |

| 1232 |

| 1236 |

+--------+

3 rows in set (0.02 sec)

**ORDER BY**

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

mysql> select name,gender,mobile\_no from student order by reg\_no;

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

| name | gender | mobile\_no |

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

| keerthi | f | 9234156789 |

| vasantha | f | 9879871012 |

| varshan | m | 1234567899 |

| ram | m | 9508067891 |

| sameera | f | 9087654321 |

| reshma | f | 9585756545 |

| raama | m | 8797675727 |

| gans | m | 8957612345 |

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

8 rows in set (0.00 sec)

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

mysql> select fac\_no from faculty order by dob desc;

+--------+

| fac\_no |

+--------+

| 1234 |

| 1238 |

| 1232 |

| 1231 |

| 1236 |

| 1239 |

+--------+

6 rows in set (0.05 sec)