**Ex.No : 8**

**Joins – EquiJoin, InnerJoin, OuterJoin**

**QUESTIONS**:

1. List the departments where the faculty members are working.

mysql> select fac\_no,dept\_name from faculty,department where faculty.dept\_no=department.dept\_no;

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

| fac\_no | dept\_name |

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

| 1231 | cse |

| 1234 | cse |

| 1232 | aiml |

| 1238 | aiml |

| 1236 | ece |

| 1239 | ece |

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

1. rows in set (0.00 sec)

2.Find the course and student details of all the courses even though no students assigned for that course.

mysql> select \* from course left join student on course.course\_no=student.course\_no;

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

| course\_no | course\_desc | course\_type | sem\_no | hall\_no | fac\_no | score | reg\_no | name | gender | dob | mobile\_no | city | course\_no | score |

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

| C001 | dbms | c | 5 | 303 | 1235 | 79 | 191711342 | varshan | m | 2004-04-03 | 1234567899 | bangalore | C001 | 65 |

| C001 | dbms | c | 5 | 303 | 1235 | 79 | 192211013 | sameera | f | 2003-11-09 | 9087654321 | chennai | C001 | 79 |

| C001 | dbms | c | 5 | 303 | 1235 | 79 | 197123458 | gans | m | 1997-08-09 | 8957612345 | trichy | C001 | 67 |

| C002 | java | a | 6 | 623 | 1231 | 60 | 191711306 | vasantha | f | 2005-02-22 | 9879871012 | salem | C002 | 75 |

| C005 | statistics | e | 4 | 111 | 1234 | 52 | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| C010 | python | b | 5 | null | 1232 | 49 | 192211012 | ram | m | 2002-10-05 | 9508067891 | chennai | C010 | 35 |

| C010 | python | b | 5 | null | 1232 | 49 | 192211016 | reshma | f | 2001-07-11 | 9585756545 | delhi | C010 | 59 |

| C011 | python | b | 5 | 332 | 1233 | 49 | 191711222 | keerthi | f | 2001-01-17 | 9234156789 | salempur | C011 | 45 |

| C011 | python | b | 5 | 332 | 1233 | 49 | 192211021 | raama | m | 2000-12-12 | 8797675727 | jaipur | C011 | 77 |

| C101 | programming | d | 3 | 332 | 1233 | 90 | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

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

10 rows in set (0.02 sec)