**Ex.No : 8**

**Joins – EquiJoin, InnerJoin, OuterJoin**

**QUESTIONS**:

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

mysql> select facno,deptname from faculty,department where faculty.deptno=department.deptno;

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

| facno | deptname |

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

| f1    | cse      |

| f3    | cse      |

| f2    | ece      |

| f4    | ece      |

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

4 rows in set (0.00 sec)

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

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

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

| courseno | coursedesc    | coursetype | semno | hallno | facno | regno | name    | gender | dob        | mobileno   | city      | courseno | score |

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

| c1       | dbms          | c          | 2     | 3      | f1    |   123 | magesh  | m      | 2022-09-08 | 1234567891 | chennai   | c1       |    95 |

| c1       | dbms          | c          | 2     | 3      | f1    |   124 | reshma  | m      | 2004-09-08 | 1231231231 | bangalore | c1       |    45 |

| c1       | dbms          | c          | 2     | 3      | f1    |   200 | gans    | m      | 1997-08-09 | 1233456644 | chennai   | c1       |    67 |

| c2       | ds            | c          | 1     | 4      | f2    |   125 | nisha   | f      | 2008-09-18 | 1131231231 | hyderabad | c2       |    65 |

| c2       | ds            | c          | 1     | 4      | f2    |   191 | sathish | f      | 2002-02-22 | 1423123423 | salem     | c2       |    79 |

| c3       | networks      | c          | 3     | 5      | f3    |  NULL | NULL    | NULL   | NULL       |       NULL | NULL      | NULL     |  NULL |

| c4       | r programming | c          | 1     | NULL   | f2    |  NULL | NULL    | NULL   | NULL       |       NULL | NULL      | NULL     |  NULL |

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