Ex. No.: 8
Date:27/01/2023

Joins – EquiJoin, InnerJoin, OuterJoin

Questions:

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

```
mysql> select faculty1.FacNo, faculty1.FacName, department.DeptNo, department.DeptName from faculty1 cross join departme
nt order by FacNo;
+-------+---------+--------+----------+
| FacNo | FacName | DeptNo | DeptName |
+-------+---------+--------+----------+
| 1     | Mary    | 102    | AIDS     |
| 1     | Mary    | 101    | CSE      |
| 2     | Ram     | 102    | AIDS     |
| 2     | Ram     | 101    | CSE      |
| 3     | Bill    | 102    | AIDS     |
| 3     | Bill    | 101    | CSE      |
+-------+---------+--------+----------+
6 rows in set (0.00 sec)
```

2. Find the student who has no score in any of the courses. List student name and course number.

```
mysql> select student.Name, student.Score, course.CourseNo from student inner join course on student.CourseNo=course.Cou
rseNo;
+--------+-------+----------+
| Name   | Score | CourseNo |
+--------+-------+----------+
| Hisham |     0 | C001     |
| Shaman |     0 | C003     |
| Tina   |     0 | C003     |
```

3. The office clerk needs the names of the courses taken by the faculty belonging to 'ECE department' whose name is 'Kamal'

```
mysql> select faculty1.FacName, faculty1.Courses, department.DeptNo, department.DeptName from faculty1, department where
 FacName="Kamal" and DeptName="ECE";
+---------+----------------+--------+----------+
| FacName | Courses        | DeptNo | DeptName |
+---------+----------------+--------+----------+
| Kamal   | Microprocessor | 103    | ECE      |
+---------+----------------+--------+----------+
1 row in set (0.00 sec)
```