

# EX. No. 11

## Query with Joins: EquiJoin, InnerJoin, OuterJoin

Outout:

```
MySQL 8.0 Command Line Cli  x  +  v

mysql> insert into students(sid,sname,deptid)values(3,'puttu',103);
Query OK, 1 row affected (0.02 sec)

mysql> insert into students(sid,sname,deptid)values(4,'kutty',104);
Query OK, 1 row affected (0.02 sec)

mysql> select students.sid,students.sname,departments.deptname from students,departments where students.deptid=departments.deptid;
+----+-----+-----+
| sid | sname | deptname |
+----+-----+-----+
| 1 | chaitra | cse |
| 2 | anu | ece |
| 3 | puttu | aipl |
| 4 | kutty | it |
+----+-----+-----+
4 rows in set (0.00 sec)

mysql> select students.sid,students.sname,departments.deptname from students inner join departments on students.deptid=departments.deptid;
+----+-----+-----+
| sid | sname | deptname |
+----+-----+-----+
| 1 | chaitra | cse |
| 2 | anu | ece |
| 3 | puttu | aipl |
| 4 | kutty | it |
+----+-----+-----+
4 rows in set (0.00 sec)

mysql> select students.sid,students.sname,departments.deptname from students left join departments on students.deptid=departments.deptid;
+----+-----+-----+
| sid | sname | deptname |
+----+-----+-----+
| 1 | chaitra | cse |
| 2 | anu | ece |
| 3 | puttu | aipl |
| 4 | kutty | it |
+----+-----+-----+
4 rows in set (0.00 sec)

mysql> |
```