

MariaDB [casestudy1]> show tables;

```
+-----+
| Tables_in_casestudy1 |
+-----+
| dept                  |
| emp                   |
+-----+
```

2 rows in set (0.001 sec)

=====

MariaDB [casestudy1]> select * from dept;

```
+----+-----+
| id | dept_name |
+----+-----+
| 1  | IT        |
| 2  | SALES     |
+----+-----+
```

2 rows in set (0.014 sec)

=====

MariaDB [casestudy1]> select * from emp;

```
+----+-----+-----+-----+
| id | D_id | name  | salary |
+----+-----+-----+-----+
| 1  | 1    | joe   | 70000  |
| 2  | 1    | jim   | 90000  |
| 3  | 2    | henry | 80000  |
| 4  | 2    | sam   | 60000  |
| 5  | 1    | max   | 90000  |
+----+-----+-----+-----+
```

5 rows in set (0.012 sec)

=====

MariaDB [casestudy1]> select dept_name, name, salary from dept d
-> join emp e on d.id=e.D_id;

```
+-----+-----+-----+
| dept_name | name  | salary |
+-----+-----+-----+
| IT        | joe   | 70000  |
| IT        | jim   | 90000  |
| SALES     | henry | 80000  |
| SALES     | sam   | 60000  |
| IT        | max   | 90000  |
+-----+-----+-----+
```

5 rows in set (0.001 sec)

```
=====
MariaDB [casestudy1]> select dept_name, name, salary from dept d
  -> join emp e on d.id=e.D_id
  -> order by e.salary desc, name asc;
```

```
+-----+-----+-----+
| dept_name | name | salary |
+-----+-----+-----+
| IT      | jim  | 90000 |
| IT      | max  | 90000 |
| SALES    | henry | 80000 |
| IT      | joe  | 70000 |
| SALES    | sam  | 60000 |
+-----+-----+-----+
```

5 rows in set (0.000 sec)

```
=====
MariaDB [casestudy1]> select dept_name, name, salary from dept d
  -> join emp e on d.id=e.D_id
  -> order by e.salary desc, name asc
  -> limit 3;
```

```
+-----+-----+-----+
| dept_name | name | salary |
+-----+-----+-----+
| IT      | jim  | 90000 |
| IT      | max  | 90000 |
| SALES    | henry | 80000 |
+-----+-----+-----+
```

3 rows in set (0.000 sec)

```
=====
```