

Case study 1

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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)
=====

```