

```
MariaDB [school]> create table empl (id int primary key auto_increment,name varchar(50),salary int,Department_ID int);
```

Query OK, 0 rows affected (0.024 sec)

```
MariaDB [school]> insert into  
empl(name,salary,Department_ID)values('Joe',70000,1),('Jim',90000,1),('Henry',80000,2),('Sam',60000,2),('Max',90000,1);
```

Query OK, 5 rows affected (0.006 sec)

Records: 5 Duplicates: 0 Warnings: 0

```
MariaDB [school]> select * from empl;
```

```
+----+-----+-----+-----+  
| id | name | salary | Department_ID |  
+----+-----+-----+-----+  
| 1 | Joe | 70000 | 1 |  
| 2 | Jim | 90000 | 1 |  
| 3 | Henry | 80000 | 2 |  
| 4 | Sam | 60000 | 2 |  
| 5 | Max | 90000 | 1 |  
+----+-----+-----+-----+
```

5 rows in set (0.000 sec)

```
MariaDB [school]> create table dept1(id int primary key auto_increment,dept_name varchar(50));
```

Query OK, 0 rows affected (0.023 sec)

```
MariaDB [school]> insert into dept1(dept_name)values('IT'),('Sales');
```

Query OK, 2 rows affected (0.006 sec)

Records: 2 Duplicates: 0 Warnings: 0

```
MariaDB [school]> select * from dept1;
```

```
+----+-----+  
| id | dept_name |
```

```
+----+-----+
```

```
| 1 | IT      |
```

```
| 2 | Sales    |
```

```
+----+-----+
```

2 rows in set (0.000 sec)

```
MariaDB [school]> select dept_name,name salary from dept1 d inner join empl e on  
d.id=e.Department_ID;
```

```
+-----+-----+
```

```
| dept_name | salary |
```

```
+-----+-----+
```

```
| IT      | Joe   |
```

```
| IT      | Jim   |
```

```
| Sales   | Henry |
```

```
| Sales   | Sam   |
```

```
| IT      | Max   |
```

```
+-----+-----+
```

5 rows in set (0.000 sec)

```
MariaDB [school]> select dept_name,name,salary from dept1 d inner join empl e on  
d.id=e.Department_ID;
```

```
+-----+-----+-----+
```

```
| dept_name | name  | salary |
```

```
+-----+-----+-----+
```

```
| IT      | Joe   | 70000 |
```

```
| IT      | Jim   | 90000 |
```

```
| Sales   | Henry | 80000 |
```

```
| Sales   | Sam   | 60000 |
```

```
| IT      | Max   | 90000 |
```

```
+-----+-----+-----+
```

5 rows in set (0.000 sec)

```
MariaDB [school]> select dept_name,name,salary from dept d inner join empl e on d.id
=e.department_ID order by e.salary desc, name asc limit 3;
```

```
ERROR 1054 (42S22): Unknown column 'dept_name' in 'field list'
```

```
MariaDB [school]> select dept_name,name,salary from dept1 d inner join empl e on d.id
=e.department_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 (0.001 sec)
```