```
| Grace   |   7 |
| Hank    |   8 |
| Ivy     |   9 |
+---------+-----+
9 rows in set (0.018 sec)

MariaDB [employee]> SELECT e.name, d.id FROM employees e INNER JOIN Departme
nts d on e.id = d.id;
+---------+-----+
| name    | id  |
+---------+-----+
| Alice   |   1 |
| Bob     |   2 |
| Charlie |   3 |
| David   |   4 |
| Emma    |   5 |
| Frank   |   6 |
| Grace   |   7 |
| Hank    |   8 |
| Ivy     |   9 |
+---------+-----+
9 rows in set (0.002 sec)

MariaDB [employee]> SELECT e.name, d.department_name FROM employees e INNER
JOIN Departments d on e.id = d.id;
+---------+------------------+
| name    | department_name  |
+---------+------------------+
| Alice   | HR               |
| Bob     | Engineering      |
| Charlie | Marketing        |
| David   | Finance          |
| Emma    | Sales            |
| Frank   | IT               |
| Grace   | Customer Support |
| Hank    | IT SECURITY      |
| Ivy     | QA               |
+---------+------------------+
9 rows in set (0.001 sec)

MariaDB [employee]>
```

```
| Grace   | Customer Support |
| Hank    | IT SECURITY      |
| Ivy     | QA               |
+---------+------------------+
9 rows in set (0.001 sec)

MariaDB [employee]> SELECT e.name, d.department_name FROM employees e LEFT J
OIN Departments d on e.id = d.id;
+---------+------------------+
| name    | department_name  |
+---------+------------------+
| Alice   | HR               |
| Bob     | Engineering      |
| Charlie | Marketing        |
| David   | Finance          |
| Emma    | Sales            |
| Frank   | IT               |
| Grace   | Customer Support |
| Hank    | IT SECURITY      |
| Ivy     | QA               |
| Jack    | NULL             |
| Karen   | NULL             |
| Laura   | NULL             |
| Mike    | NULL             |
| Nina    | NULL             |
| Olivia  | NULL             |
| Paul    | NULL             |
| Quincy  | NULL             |
| Rachel  | NULL             |
| Steve   | NULL             |
| Tracy   | NULL             |
| Uma     | NULL             |
| Victor  | NULL             |
| Wendy   | NULL             |
| Xander  | NULL             |
| Yvonne  | NULL             |
| Zach    | NULL             |
+---------+------------------+
26 rows in set (0.002 sec)

MariaDB [employee]>
```

```
| Olivia   | NULL              |
| Paul     | NULL              |
| Quincy   | NULL              |
| Rachel   | NULL              |
| Steve    | NULL              |
| Tracy    | NULL              |
| Uma      | NULL              |
| Victor   | NULL              |
| Wendy    | NULL              |
| Xander   | NULL              |
| Yvonne   | NULL              |
| Zach     | NULL              |
+----------+-------------------+
26 rows in set (0.002 sec)

MariaDB [employee]> SELECT e.name, e.manager_id, d.manager_id FROM employees
 e INNER JOIN Departments d on e.manager_id = d.manager_id;
+----------+------------+------------+
| name     | manager_id | manager_id |
+----------+------------+------------+
| Frank    |          3 |          3 |
| Paul     |          3 |          3 |
| Wendy    |          3 |          3 |
| Alice    |         10 |         10 |
| Bob      |         10 |         10 |
| Quincy   |         10 |         10 |
| Xander   |         10 |         10 |
| Olivia   |          7 |          7 |
| Victor   |          7 |          7 |
| David    |          5 |          5 |
| Rachel   |          5 |          5 |
| Ivy      |          8 |          8 |
| Zach     |          8 |          8 |
| Karen    |         12 |         12 |
| Tracy    |         12 |         12 |
| Mike     |         14 |         14 |
| Uma      |         14 |         14 |
+----------+------------+------------+
17 rows in set (0.001 sec)

MariaDB [employee]>
```

```
| Alice  |          10 |          10 |
| Bob    |          10 |          10 |
| Quincy |          10 |          10 |
| Xander |          10 |          10 |
| Olivia |           7 |           7 |
| Victor |           7 |           7 |
| David  |           5 |           5 |
| Rachel |           5 |           5 |
| Ivy    |           8 |           8 |
| Zach   |           8 |           8 |
| Karen  |          12 |          12 |
| Tracy  |          12 |          12 |
| Mike   |          14 |          14 |
| Uma    |          14 |          14 |
+--------+-------------+-------------+
17 rows in set (0.001 sec)

MariaDB [employee]> SELECT e.name, e.salary DESC FROM employees e INNER JOIN
 Departments d on e.id = d.id;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual t
hat corresponds to your MariaDB server version for the right syntax to use n
ear 'DESC FROM employees e INNER JOIN Departments d on e.id = d.id' at line
1
MariaDB [employee]> SELECT e.name, e.salary FROM employees e INNER JOIN Depa
rtments d on e.id = d.id;
+---------+----------+
| name    | salary   |
+---------+----------+
| Alice   | 60000.00 |
| Bob     | 55000.00 |
| Charlie | 50000.00 |
| David   | 75000.00 |
| Emma    | 90000.00 |
| Frank   | 47000.00 |
| Grace   | 52000.00 |
| Hank    | 80000.00 |
| Ivy     | 67000.00 |
+---------+----------+
9 rows in set (0.001 sec)

MariaDB [employee]>
```

```
MariaDB [employee]> SELECT e.name, e.salary DESC FROM employees e INNER JOIN
 Departments d on e.id = d.id;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual t
hat corresponds to your MariaDB server version for the right syntax to use n
ear 'DESC FROM employees e INNER JOIN Departments d on e.id = d.id' at line
1
MariaDB [employee]> SELECT e.name, e.salary FROM employees e INNER JOIN Depa
rtments d on e.id = d.id;
+---------+----------+
| name    | salary   |
+---------+----------+
| Alice   | 60000.00 |
| Bob     | 55000.00 |
| Charlie | 50000.00 |
| David   | 75000.00 |
| Emma    | 90000.00 |
| Frank   | 47000.00 |
| Grace   | 52000.00 |
| Hank    | 80000.00 |
| Ivy     | 67000.00 |
+---------+----------+
9 rows in set (0.001 sec)

MariaDB [employee]> SELECT e.name, e.salary, d.department_name FROM employee
s e INNER JOIN Departments d on e.id = d.id;
+---------+----------+------------------+
| name    | salary   | department_name  |
+---------+----------+------------------+
| Alice   | 60000.00 | HR               |
| Bob     | 55000.00 | Engineering      |
| Charlie | 50000.00 | Marketing        |
| David   | 75000.00 | Finance          |
| Emma    | 90000.00 | Sales            |
| Frank   | 47000.00 | IT               |
| Grace   | 52000.00 | Customer Support |
| Hank    | 80000.00 | IT SECURITY      |
| Ivy     | 67000.00 | QA               |
+---------+----------+------------------+
9 rows in set (0.001 sec)

MariaDB [employee]>
```