```
mysql> CREATE TABLE cust(custid INT PRIMARY KEY, name VARCHAR(10));
Query OK, 0 rows affected (0.374 sec)

mysql> INSERT INTO cust VALUES(1,'jony'),(2,'bob'),(3,'alice'),(4,'charlie'),(5,'rony');
Query OK, 5 rows affected (0.167 sec)
Records: 5  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM cust;
+--------+---------+
| custid | name    |
+--------+---------+
|      1 | jony    |
|      2 | bob     |
|      3 | alice   |
|      4 | charlie |
|      5 | rony    |
+--------+---------+
5 rows in set (0.018 sec)

mysql> CREATE TABLE ord(ordid INT PRIMARY KEY, custid INT, product VARCHAR(20));
Query OK, 0 rows affected (0.274 sec)

mysql> SELECT * FROM ord;
Empty set (0.025 sec)

mysql> INSERT INTO ord VALUES(111,1,'laptop'),(112,6,'mouse'),(113,5,'monitor'),(114,3,'keyboard'),(115,4,'cpu');
Query OK, 5 rows affected (0.141 sec)
Records: 5  Duplicates: 0  Warnings: 0
```

```
mysql> SELECT * FROM ord;
+-------+--------+----------+
| ordid | custid | product  |
+-------+--------+----------+
|   111 |      1 | laptop   |
|   112 |      6 | mouse    |
|   113 |      5 | monitor  |
|   114 |      3 | keyboard |
|   115 |      4 | cpu      |
+-------+--------+----------+
5 rows in set (0.011 sec)

mysql> SELECT * FROM cust INNER JOIN ord ON cust.custid=ord.custid;
+--------+---------+-------+--------+----------+
| custid | name    | ordid | custid | product  |
+--------+---------+-------+--------+----------+
|      1 | jony    |   111 |      1 | laptop   |
|      5 | rony    |   113 |      5 | monitor  |
|      3 | alice   |   114 |      3 | keyboard |
|      4 | charlie |   115 |      4 | cpu      |
+--------+---------+-------+--------+----------+
4 rows in set (0.014 sec)

mysql> SELECT * FROM cust LEFT JOIN ord ON cust.custid=ord.custid;
+--------+---------+-------+--------+----------+
| custid | name    | ordid | custid | product  |
+--------+---------+-------+--------+----------+
|      1 | jony    |   111 |      1 | laptop   |
|      2 | bob     |  NULL |   NULL | NULL     |
|      3 | alice   |   114 |      3 | keyboard |
|      4 | charlie |   115 |      4 | cpu      |
|      5 | rony    |   113 |      5 | monitor  |
+--------+---------+-------+--------+----------+
```

```
5 rows in set (0.096 sec)

mysql> SELECT * FROM cust RIGHT JOIN ord ON cust.custid=ord.custid;
+--------+---------+-------+--------+----------+
| custid | name    | ordid | custid | product  |
+--------+---------+-------+--------+----------+
|      1 | jony    |   111 |      1 | laptop   |
|   NULL | NULL    |   112 |      6 | mouse    |
|      5 | rony    |   113 |      5 | monitor  |
|      3 | alice   |   114 |      3 | keyboard |
|      4 | charlie |   115 |      4 | cpu      |
+--------+---------+-------+--------+----------+
5 rows in set (0.024 sec)

mysql> SELECT * FROM cust LEFT JOIN ord ON cust.custid=ord.custid UNION SELECT * FROM RIGHT JOIN ord ON cust.custid=ord.custid;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the righ
t syntax to use near 'RIGHT JOIN ord ON cust.custid=ord.custid' at line 1
mysql> SELECT * FROM cust LEFT JOIN ord ON cust.custid=ord.custid UNION SELECT * FROM cust RIGHT JOIN ord ON cust.custid=ord.custid;
+--------+---------+-------+--------+----------+
| custid | name    | ordid | custid | product  |
+--------+---------+-------+--------+----------+
|      1 | jony    |   111 |      1 | laptop   |
|      2 | bob     |  NULL |   NULL | NULL     |
|      3 | alice   |   114 |      3 | keyboard |
|      4 | charlie |   115 |      4 | cpu      |
|      5 | rony    |   113 |      5 | monitor  |
|   NULL | NULL    |   112 |      6 | mouse    |
+--------+---------+-------+--------+----------+
6 rows in set (0.026 sec)

mysql>
```