

```
create table department(departmentID int,departmentName varchar(255),primary key(departmentID));
create table station(stationID int,stationName varchar(255),primary key(stationID));
create table user( userID int,name varchar(255),tell varchar(255),age int,birthday date,departmentID
int,stationID int, primary key(userID),foreign key(departmentID) references department(departmentID),foreign
key(stationID)references station(stationID));
insert into department(departmentID,departmentName)value(1,'開発部');
insert into department(departmentID,departmentName)value(2,'営業部');
insert into department(departmentID,departmentName)value(3,'総務部');
insert into station(stationID,stationName)value(1,'九段下');
insert into station(stationID,stationName)value(2,'永田町');
insert into station(stationID,stationName)value(3,'渋谷');
insert into station(stationID,stationName)value(4,'神保町');
insert into station(stationID,stationName)value(5,'上井草');
insert into user(userID,name,tell,age,birthday,departmentID,stationID)values(1,'田中
実','012-345-6789',30,'1994-02-01',3,1);
insert into user(userID,name,tell,age,birthday,departmentID,stationID)values(2,'鈴木
茂','090-1122-3344',37,'1987-08-12',3,4);
insert into user(userID,name,tell,age,birthday,departmentID,stationID)values(3,'鈴木
実','080-5566-7788',24,'2000-12-24',2,5);
insert into user(userID,name,tell,age,birthday,departmentID,stationID)values(4,'佐藤
清','012-0987-6543',19,'2005-08-01',1,5);
insert into user(userID,name,tell,age,birthday,departmentID,stationID)values(5,'高橋
清','090-9900-1234',24,'2000-12-24',3,5);
select * from user left join department using(departmentID) left join station using(stationID);
```

```
MariaDB [challenge_db]> select * from user left join department using(departmentID) left join station using(stationID);
```

| stationID | departmentID | userID | name | tell | age | birthday | departmentName | stationName |
|-----------|--------------|--------|------|---------------|-----|------------|----------------|-------------|
| 1 | 3 | 1 | 田中 実 | 012-345-6789 | 30 | 1994-02-01 | 総務部 | 九段下 |
| 4 | 3 | 2 | 鈴木 茂 | 090-1122-3344 | 37 | 1987-08-12 | 総務部 | 神保町 |
| 5 | 2 | 3 | 鈴木 実 | 080-5566-7788 | 24 | 2000-12-24 | 営業部 | 上井草 |
| 5 | 1 | 4 | 佐藤 清 | 012-0987-6543 | 19 | 2005-08-01 | 開発部 | 上井草 |
| 5 | 3 | 5 | 高橋 清 | 090-9900-1234 | 24 | 2000-12-24 | 総務部 | 上井草 |

5 rows in set (0.00 sec)

```
MariaDB [challenge_db]> select * from user left join department using(departmentID) left join station using(stationID);
```

| stationID | departmentID | userID | name | tell | age | birthday | departmentName | stationName |
|-----------|--------------|--------|------|---------------|-----|------------|----------------|-------------|
| 1 | 3 | 1 | 田中 実 | 012-345-6789 | 30 | 1994-02-01 | 総務部 | 九段下 |
| 4 | 3 | 2 | 鈴木 茂 | 090-1122-3344 | 37 | 1987-08-12 | 総務部 | 神保町 |
| 5 | 2 | 3 | 鈴木 実 | 080-5566-7788 | 24 | 2000-12-24 | 営業部 | 上井草 |
| 5 | 1 | 4 | 佐藤 清 | 012-0987-6543 | 19 | 2005-08-01 | 開発部 | 上井草 |
| 5 | 3 | 5 | 高橋 清 | 090-9900-1234 | 24 | 2000-12-24 | 総務部 | 上井草 |

5 rows in set (0.00 sec)

```
MariaDB [challenge_db]>
```