

```
MariaDB [Challenge_db]> CREATE TABLE department (departmentID int  
PRIMARY KEY, departmentName varchar(255) UNIQUE);  
Query OK, 0 rows affected (0.03 sec)
```

```
MariaDB [Challenge_db]> CREATE TABLE station (stationID int PRIMARY KEY,  
stationName varchar(255) UNIQUE);  
Query OK, 0 rows affected (0.02 sec)
```

```
MariaDB [Challenge_db]> CREATE TABLE user (userID int PRIMARY KEY,  
name varchar(255) UNIQUE, tell varchar(255) UNIQUE, age int UNIQUE,  
birthday date UNIQUE, departmentID int UNIQUE, stationID int UNIQUE,  
FOREIGN KEY (departmentID) REFERENCES department (departmentID),  
FOREIGN KEY (stationID) REFERENCES station (stationID));  
Query OK, 0 rows affected (0.04 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO department VALUES (1, '開発部');  
Query OK, 1 row affected (0.03 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO department VALUES (2, '営業部');  
Query OK, 1 row affected (0.00 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO department VALUES (3, '総務部');  
Query OK, 1 row affected (0.02 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO station VALUES (1, '九段下');  
Query OK, 1 row affected (0.02 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO station VALUES (2, '永田町');  
Query OK, 1 row affected (0.02 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO station VALUES (3, '渋谷');  
Query OK, 1 row affected (0.02 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO station VALUES (4, '神保町');  
Query OK, 1 row affected (0.02 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO station VALUES (5, '上井草');  
Query OK, 1 row affected (0.02 sec)
```

```
MariaDB [Challenge_db]> CREATE TABLE user (userID int PRIMARY KEY,  
name varchar(255), tell varchar(255), age int, birthday date, departmentID int,  
stationID int,  
FOREIGN KEY (departmentID) REFERENCES department (departmentID),  
FOREIGN KEY (stationID) REFERENCES station (stationID));  
Query OK, 0 rows affected (0.03 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO user VALUES (1, '田中 実', '012-345-6789',  
30, '1994-02-01', 3, 1);  
Query OK, 1 row affected (0.02 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO user VALUES (2, '鈴木 茂', '090-1122-3344',  
37, '1987-08-12', 3, 4);  
Query OK, 1 row affected (0.00 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO user VALUES (3, '鈴木 実', '080-5566-7788',  
24, '2000-12-24', 2, 5);  
Query OK, 1 row affected (0.02 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO user VALUES (4, '佐藤 清', '012-0987-6543',  
19, '2005-08-01', 1, 5);  
Query OK, 1 row affected (0.02 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO user VALUES (5, '高橋 清', '090-9900-1234',  
24, '2000-12-24', 3, 5);  
Query OK, 1 row affected (0.03 sec)
```

```
MariaDB [Challenge_db]> SELECT * FROM user;
```

```
+-----+-----+-----+-----+-----+-----+-----+  
| userID | name   | tell      | age | birthday | departmentID | stationID |  
+-----+-----+-----+-----+-----+-----+-----+  
| 1 | 田中 実 | 012-345-6789 | 30 | 1994-02-01 | 3 | 1 |  
| 2 | 鈴木 茂 | 090-1122-3344 | 37 | 1987-08-12 | 3 | 4 |  
| 3 | 鈴木 実 | 080-5566-7788 | 24 | 2000-12-24 | 2 | 5 |  
| 4 | 佐藤 清 | 012-0987-6543 | 19 | 2005-08-01 | 1 | 5 |  
| 5 | 高橋 清 | 090-9900-1234 | 24 | 2000-12-24 | 3 | 5 |  
+-----+-----+-----+-----+-----+-----+-----+
```

```
5 rows in set (0.01 sec)
```

```
MariaDB [Challenge_db]> SELECT * FROM department ORDER BY departmentID
ASC;
```

```
+-----+-----+
| departmentID | departmentName |
+-----+-----+
|          1 | 開発部        |
|          2 | 営業部        |
|          3 | 総務部        |
+-----+-----+
```

3 rows in set (0.00 sec)

```
MariaDB [Challenge_db]> SELECT * FROM station ORDER BY stationID ASC;
```

```
+-----+-----+
| stationID | stationName |
+-----+-----+
|          1 | 九段下      |
|          2 | 永田町      |
|          3 | 渋谷        |
|          4 | 神保町      |
|          5 | 上井草      |
+-----+-----+
```

5 rows in set (0.00 sec)

```
MariaDB [Challenge_db]>
```

C:\選択XAMPP for Windows - mysql -u sukekyo26 -p

```
MariaDB [Challenge_db]> SELECT * FROM user;
```

userID	name	tell	age	birthday	departmentID	stationID
1	田中 実	012-345-6789	30	1994-02-01	3	1
2	鈴木 茂	090-1122-3344	37	1987-08-12	3	4
3	鈴木 実	080-5566-7788	24	2000-12-24	2	5
4	佐藤 清	012-0987-6543	19	2005-08-01	1	5
5	高橋 清	090-9900-1234	24	2000-12-24	3	5

5 rows in set (0.00 sec)

```
MariaDB [Challenge_db]> SELECT * FROM department ORDER BY departmentID;
```

departmentID	departmentName
1	開発部
2	営業部
3	総務部

3	総務部
---	-----

3 rows in set (0.00 sec)

MariaDB [Challenge_db]> SELECT * FROM station ORDER BY stationID ASC;

stationID	stationName
1	九段下
2	永田町
3	渋谷
4	神保町
5	上井草

5 rows in set (0.00 sec)

MariaDB [Challenge_db]>