

```
CREATE TABLE department(departmentID int PRIMARY KEY, departmentName varchar(255));  
INSERT INTO department VALUES(1, '開発部'), (2, '営業部'), (3, '総務部');  
SELECT * FROM department;
```

```
CREATE TABLE station(stationID int PRIMARY KEY, stationName varchar(255));  
INSERT INTO station VALUES(1, '九段下'), (2, '永田町'), (3, '渋谷'), (4, '神保町'), (5, '上井草');  
SELECT * FROM station;
```

```
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));  
ALTER TABLE user ADD FOREIGN KEY(stationID) REFERENCES station(stationID);  
INSERT INTO user VALUES  
(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);  
SELECT * FROM user;
```

partmentName varchar(255))' at line 1

MariaDB [challenge_db]> CREATE TABLE department(departmentID int PRIMARY KEY, departmentName varchar(255));

Query OK, 0 rows affected (0.32 sec)

MariaDB [challenge_db]> INSERT INTO department VALUES(1, '開発部'), (2, '営業部'), (3, '総務部');
->

Query OK, 3 rows affected (0.09 sec)

Records: 3 Duplicates: 0 Warnings: 0

MariaDB [challenge_db]> SELECT * FROM department;

departmentID	departmentName
1	開発部
2	営業部
3	総務部

3 rows in set (0.09 sec)

MariaDB [challenge_db]>

```
mysql -u Yuiko -p
+-----+
3 rows in set (0.09 sec)

MariaDB [challenge_db]> CREATE TABLE station(stationID int PRIMARY KEY, stationName var
char(255));
Query OK, 0 rows affected (0.28 sec)

MariaDB [challenge_db]> INSERT INTO station VALUES(1, '九段下'), (2, '永田町'), (3, '澁
谷'), (4, '神保町'), (5, '上井草');
Query OK, 5 rows affected (0.04 sec)
Records: 5  Duplicates: 0  Warnings: 0

MariaDB [challenge_db]> SELECT * FROM station;
+-----+-----+
| 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]>
```

```
MariaDB [challenge_db]> CREATE TABLE user(userID int PRIMARY KEY, name varchar(255), tel varchar(255), age int, birthday date, departmentID int, stationID int, FOREIGN KEY(departmentID, stationID) REFERENCES department(departmentID), station(stationID));
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '(stationID))' at line 1
```

```
MariaDB [challenge_db]> CREATE TABLE user(userID int PRIMARY KEY, name varchar(255), tel varchar(255), age int, birthday date, departmentID int, stationID int, FOREIGN KEY(departmentID) REFERENCES department(departmentID));
Query OK, 0 rows affected (0.37 sec)
```

```
MariaDB [challenge_db]> ALTER TABLE user ADD FOREIGN KEY(stationID) REFERENCES station(stationID);
Query OK, 0 rows affected (1.09 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [challenge_db]> INSERT INTO user VALUES(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);
```

```
ERROR 1136 (21S01): Column count doesn't match value count at row 1
MariaDB [challenge_db]> SELECT * FROM user;
Empty set (0.00 sec)
```

```
MariaDB [challenge_db]>
```

birthday	date	YES		NULL	
departmentID	int(11)	YES	MUL	NULL	
stationID	int(11)	YES	MUL	NULL	

7 rows in set (0.02 sec)

MariaDB [challenge_db]> INSERT INTO user VALUES(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);

Query OK, 5 rows affected (0.11 sec)

Records: 5 Duplicates: 0 Warnings: 0

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]>