

親テーブル(department)(station)の作成

```
MariaDB [Challenge_db2]> create table station(
-> stationID int primary key,stationName varchar(255));
Query OK, 0 rows affected (0.19 sec)

MariaDB [Challenge_db2]> insert into station(
-> 1,'九段下');
ERROR 1064 (42000): You have an error in your SQL syntax; check the
MariaDB [Challenge_db2]> insert into station values(
-> 1,'九段下');
Query OK, 1 row affected (0.07 sec)

MariaDB [Challenge_db2]> insert into station values(
-> 2,'永田町');
Query OK, 1 row affected (0.10 sec)

MariaDB [Challenge_db2]> insert into station values(
-> 3,'渋谷');
Query OK, 1 row affected (0.09 sec)

MariaDB [Challenge_db2]> insert into station values(
-> 4,'神保町');
Query OK, 1 row affected (0.10 sec)

MariaDB [Challenge_db2]> insert into station values(
-> 5,'上井草');
Query OK, 1 row affected (0.07 sec)
```

```
MariaDB [Challenge_db2]> select * from department;
```

departmentID	departmentName
1	開発部
2	営業部
3	総務部

```
3 rows in set (0.00 sec)
```

```
MariaDB [Challenge_db2]> 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)
```

子テーブル(user)の作成

```
n(stationID))' at line 10
MariaDB [Challenge_db2]> 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 (0.32 sec)
```

```
MariaDB [Challenge_db2]> select * from user;
Empty set (0.00 sec)
```

```
MariaDB [Challenge_db2]> insert into user values(
-> 1,'田中 実','012-345-6789',30,1994-02-01,3,1);
Query OK, 1 row affected, 1 warning (0.07 sec)
```

```
MariaDB [Challenge_db2]> insert into user values(
-> 2,'鈴木 茂','090-1122-3344',37,1987-08-12,3,4);
Query OK, 1 row affected, 1 warning (0.09 sec)
```

```
MariaDB [Challenge_db2]> insert into user values(
-> 3,'鈴木 実','080-5566-7788',24,2000-12-24,2,5);
Query OK, 1 row affected, 1 warning (0.05 sec)
```

```
MariaDB [Challenge_db2]> insert into user values(
-> 4,'佐藤 清','012-0987-6543',19,2005-08-01,1,5);
Query OK, 1 row affected, 1 warning (0.08 sec)
```

```
MariaDB [Challenge_db2]> insert into user values(
-> 5,'高橋 清','090-9900-1234',24,2000-12-24,3,5);
Query OK, 1 row affected, 1 warning (0.09 sec)
```

```
MariaDB [Challenge_db2]> select * from user;
```

userID	name	tell	age	birthday	departmentID	stationID
1	田中 実	012-345-6789	30	0000-00-00	3	1
2	鈴木 茂	090-1122-3344	37	0000-00-00	3	4
3	鈴木 実	080-5566-7788	24	0000-00-00	2	5
4	佐藤 清	012-0987-6543	19	0000-00-00	1	5
5	高橋 清	090-9900-1234	24	0000-00-00	3	5

birthdayを上書きして出力

```
5 rows in set (0.00 sec)
```

```
MariaDB [Challenge_db2]> update user set birthday='1994-02-01'where userID=1;  
Query OK, 1 row affected (0.08 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [Challenge_db2]> update user set birthday='1987-08-12'where userID=2;  
Query OK, 1 row affected (0.05 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [Challenge_db2]> update user set birthday='2000-12-24'where userID=3;  
Query OK, 1 row affected (0.07 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [Challenge_db2]> update user set birthday='2005-08-01'where userID=4;  
Query OK, 1 row affected (0.06 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [Challenge_db2]> update user set birthday='2000-12-24'where userID=5;  
Query OK, 1 row affected (0.09 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [Challenge_db2]> select * from user;
```

userID	name	tel	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_db2]>
```