Primary KeyとForegin Keyの宣言

```
create table user(userID int not null 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));

create table department(departmentID int not null primary key, departmentName varchar(255));

create table station(stationID int not null primary key, stationName varchar(255));

insert into station values(1, '九段下');
insert into station values(2, '永田町');
insert into station values(3, '渋谷');
insert into station values(4, '神保町');
insert into station values(5, '上井草');

insert into department values(1, '開発部');
insert into department values(2, '営業部');
insert into department values(3, '総務部');

insert into user values(1, '田中 実', '012-345-6789', 30, '1994-02-01',3 ,1);
insert into user values(2, '鈴木 茂', '090-1122-3344', 37, '1987-08-12',3 ,4);
insert into user values(3, '鈴木 実', '080-5566-7788', 24, '2000-12-24',2 ,5);
insert into user values(4, '佐藤 清', '012-0987-6543', 19, '2005-08-01',1 ,5);
insert into user values(5, '高橋 清', '090-9900-1234', 24, '2000-12-24',3 ,5);
```

```
MariaDB [challenge_db]>
MariaDB [challenge_db]>
MariaDB [challenge_db]>
MariaDB [challenge_db]>
MariaDB [challenge_db]> show columns from user;
+--------------+--------------+------+-----+---------+-------+
| Field        | Type         | Null | Key | Default | Extra |
+--------------+--------------+------+-----+---------+-------+
| userID       | int(11)      | NO   | PRI | NULL    |       |
| name         | varchar(255) | YES  |     | NULL    |       |
| tell         | varchar(255) | YES  |     | NULL    |       |
| age          | int(11)      | YES  |     | NULL    |       |
| birthday     | date         | YES  |     | NULL    |       |
| departmentID | int(11)      | YES  | MUL | NULL    |       |
| stationID    | int(11)      | YES  | MUL | NULL    |       |
+--------------+--------------+------+-----+---------+-------+
7 rows in set (0.03 sec)

MariaDB [challenge_db]> show columns from department;
+----------------+--------------+------+-----+---------+-------+
| Field          | Type         | Null | Key | Default | Extra |
+----------------+--------------+------+-----+---------+-------+
| departmentID   | int(11)      | NO   | PRI | NULL    |       |
| departmentName | varchar(255) | YES  |     | NULL    |       |
+----------------+--------------+------+-----+---------+-------+
2 rows in set (0.03 sec)

MariaDB [challenge_db]> show columns from station;
+-------------+--------------+------+-----+---------+-------+
| Field       | Type         | Null | Key | Default | Extra |
+-------------+--------------+------+-----+---------+-------+
| stationID   | int(11)      | NO   | PRI | NULL    |       |
| stationName | varchar(255) | YES  |     | NULL    |       |
+-------------+--------------+------+-----+---------+-------+
2 rows in set (0.02 sec)

MariaDB [challenge_db]>
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```
2 rows in set (0.02 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 (0.00 sec)

MariaDB [challenge_db]> select * from department
    -> ;
+--------------+----------------+
| departmentID | departmentName |
+--------------+----------------+
|            1 | 開発部          |
|            2 | 営業部          |
|            3 | 総務部          |
+--------------+----------------+
3 rows in set (0.00 sec)

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]>
```