

「Primary KeyとForeign Keyの 宣言」の課題成果一覧

テキスト一覧(CREATE TABLE部分)

```
MariaDB [challenge_db]> CREATE TABLE department(departmentID int NOT NULL PRIMARY  
KEY,departmentName VARCHAR(255));
```

```
MariaDB [challenge_db]> CREATE TABLE station(stationID int NOT NULL PRIMARY  
KEY,stationName VARCHAR(255));
```

```
MariaDB [challenge_db]> 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));
```

テキスト一覧(INSERT部分)

```
MariaDB [challenge_db]> INSERT INTO department(departmentID,departmentName) VALUES(1,'開発部');
MariaDB [challenge_db]> INSERT INTO department(departmentID,departmentName) VALUES(2,'営業部');
MariaDB [challenge_db]> INSERT INTO department(departmentID,departmentName) VALUES(3,'総務部');
MariaDB [challenge_db]> INSERT INTO station(stationID,stationName) VALUES(1,'九段下');
MariaDB [challenge_db]> INSERT INTO station(stationID,stationName) VALUES(2,'永田町');
MariaDB [challenge_db]> INSERT INTO station(stationID,stationName) VALUES(3,'渋谷');
MariaDB [challenge_db]> INSERT INTO station(stationID,stationName) VALUES(4,'神保町');
MariaDB [challenge_db]> INSERT INTO station(stationID,stationName) VALUES(5,'上井草');
MariaDB [challenge_db]> INSERT INTO user(userID,name,tell,age,birthday,departmentID,stationID) VALUES(1,'田中 実',
'012-345-6789',30,'1994-02-01',3,1);
MariaDB [challenge_db]> INSERT INTO user(userID,name,tell,age,birthday,departmentID,stationID) VALUES(2,'鈴木 茂',
'090-1122-3344',37,'1987-08-12',3,4);
MariaDB [challenge_db]> INSERT INTO user(userID,name,tell,age,birthday,departmentID,stationID) VALUES(3,'鈴木 実',
'080-5566-7788',24,'2000-12-24',2,5);
MariaDB [challenge_db]> INSERT INTO user(userID,name,tell,age,birthday,departmentID,stationID) VALUES(4,'佐藤 清',
'012-0987-6543',19,'2005-08-01',1,5);
MariaDB [challenge_db]> INSERT INTO user(userID,name,tell,age,birthday,departmentID,stationID) VALUES(5,'高橋 清',
'090-9900-1234',24,'2000-12-24',3,5);
```

実行結果スクリーンショット1

```
XAMPP for Windows - mysql -h localhost -u AkiraOmi -p
stationID) VALUES(4,'佐藤 清','012-0987-6543',19,'2005-08-01',1,5);
Query OK, 1 row affected (0.13 sec)

MariaDB [challenge_db]> INSERT INTO user(userID,name,tell,age,birthday,departmentID,
stationID) VALUES(5,'高橋 清','090-9900-1234',24,'2000-12-24',3,5);
Query OK, 1 row affected (0.09 sec)

MariaDB [challenge_db]> SELECT * FROM challenge_db;
ERROR 1146 (42S02): Table 'challenge_db.challenge_db' doesn't exist
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 (0.08 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)
```

実行結果スクリーンショット2

```
XAMPP for Windows - mysql -h localhost -u AkiraOmi -p
```

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 (0.08 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)