

使用コマンド(departmentテーブル)

```
CREATE TABLE department(departmentID INT Primary Key, departmentName VARCHAR(255),  
index(departmentID)) ENGINE=INNODB;
```

```
INSERT INTO department VALUES(1, '開発部');
```

```
INSERT INTO department VALUES(2, '営業部');
```

```
INSERT INTO department VALUES(3, '総務部');
```

```
SELECT * FROM department;
```

結果画面 (departmentテーブル)

ca. mysql -u NAKAYA -p

```
MariaDB [Challenge_db]> CREATE TABLE department(departmentID INT Primary Key, departmentName VARCHAR(255), index(departmentID)) ENGINE=INNODB;  
Query OK, 0 rows affected (0.25 sec)
```

```
MariaDB [Challenge_db]>
```

```
MariaDB [Challenge_db]> INSERT INTO department VALUES(1, '開発部');
```

```
Query OK, 1 row affected (0.03 sec)
```

```
MariaDB [Challenge_db]>
```

```
MariaDB [Challenge_db]> INSERT INTO department VALUES(2, '営業部');
```

```
Query OK, 1 row affected (0.03 sec)
```

```
MariaDB [Challenge_db]>
```

```
MariaDB [Challenge_db]> INSERT INTO department VALUES(3, '総務部');
```

```
Query OK, 1 row affected (0.06 sec)
```

```
MariaDB [Challenge_db]>
```

```
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)
```

使用コマンド(stationテーブル)

```
CREATE TABLE station(stationID INT Primary Key, stationName VARCHAR(255), index(stationID))  
ENGINE=INNODB;
```

```
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');
```

```
SELECT * FROM station;
```

結果画面(stationテーブル)

mysql -u NAKAYA -p

```
MariaDB [Challenge_db]> CREATE TABLE station(stationID INT Primary Key, stationName VARCHAR(255), index(stationID)) ENGINE=INNODB;  
Query OK, 0 rows affected (0.19 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO station VALUES(1, '九段下');  
Query OK, 1 row affected (0.04 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO station VALUES(2, '永田町');  
Query OK, 1 row affected (0.03 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO station VALUES(3, '渋谷');  
Query OK, 1 row affected (0.08 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO station VALUES(4, '神保町');  
Query OK, 1 row affected (0.14 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO station VALUES(5, '上井草');  
Query OK, 1 row affected (0.05 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)
```

使用コマンド(userテーブル)

```
CREATE TABLE user(userID INT Primary Key, name VARCHAR(255), tel VARCHAR(255), age INT,  
    birthday DATE, departmentID INT, stationID INT, index(departmentID), index(stationID),  
    FOREIGN KEY (departmentID) REFERENCES department (departmentID),  
    FOREIGN KEY (stationID) REFERENCES station (stationID)) ENGINE=INNODB;
```

```
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);
```

```
SELECT * FROM user;
```

結果画面(userテーブル)

ca: mysql -u NAKAYA -p

```
MariaDB [Challenge_db]> CREATE TABLE user(  
-> userID INT Primary Key,  
-> name VARCHAR(255),  
-> tel VARCHAR(255),  
-> age INT,  
-> birthday DATE,  
-> departmentID INT,  
-> stationID INT,  
-> index(departmentID),  
-> index(stationID),  
-> FOREIGN KEY (departmentID) REFERENCES department (departmentID),  
-> FOREIGN KEY (stationID) REFERENCES station (stationID))  
-> ENGINE=INNODB;  
Query OK, 0 rows affected (0.27 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 (0.13 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 (0.09 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 (0.26 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 (0.10 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 (0.31 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 (0.31 sec)
```

```
MariaDB [Challenge_db]> 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)
```