

Setting environment for using XAMPP for Windows.

guest1Day@DESKTOP-HHEP438 c:\xampp

mysql -u shugiziki -p

Enter password: *****

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 4

Server version: 10.1.21-MariaDB mariadb.org binary distribution

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> USE Challenge_db

Database changed

MariaDB [Challenge_db]> CREATE TABLE department(departmentID int Primary
Key,departmentName varchar(255));

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
'Kay,departmentName varchar(255))' at line 1

MariaDB [Challenge_db]> CREATE TABLE department(departmentID int Primary
Key,departmentName varchar(255));

Query OK, 0 rows affected (0.26 sec)

MariaDB [Challenge_db]> CREATE TABLE user (userID int,name varchar(255), tell
varchar(255),age int,birthday date,departmentID int,stationID int

-> ,foreign key(departmentID) references department(departmentID));

Query OK, 0 rows affected (0.34 sec)

MariaDB [Challenge_db]> INSERT INTO User VALUES (1, '田中 実
,',012-345-6789',30,'1994-02-01',3,1);

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails
(`challenge_db`.`user`, CONSTRAINT `user_ibfk_1` FOREIGN KEY (`departmentID`)
REFERENCES `department` (`departmentID`))

MariaDB [Challenge_db]> INSERT INTO user VALUES (1, '田中 実
,',012-345-6789',30,'1994-02-01',3,1);

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails
(`challenge_db`.`user`, CONSTRAINT `user_ibfk_1` FOREIGN KEY (`departmentID`)
REFERENCES `department` (`departmentID`))

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

Query OK, 1 row affected (0.05 sec)

MariaDB [Challenge_db]> INSERT INTO user VALUES (1, '田中 実
,',012-345-6789',30,'1994-02-01',3,1);

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails
(`challenge_db`.`user`, CONSTRAINT `user_ibfk_1` FOREIGN KEY (`departmentID`)
REFERENCES `department` (`departmentID`))

MariaDB [Challenge_db]> INSERT INTO User (userID,name,tell,age,birthday,stationID)
VALUES (1, '田中 実','012-345-6789',30,'1994-02-01',1);
Query OK, 1 row affected (0.08 sec)

MariaDB [Challenge_db]> INSERT INTO department VALUES (2,'営業部');
Query OK, 1 row affected (0.06 sec)

MariaDB [Challenge_db]> INSERT INTO department VALUES (3,'総務部');
Query OK, 1 row affected (0.06 sec)

MariaDB [Challenge_db]> INSERT INTO user VALUES (2, '田中 実',
'012-345-6789',30,'1994-02-01',3,1);
Query OK, 1 row affected (0.06 sec)

MariaDB [Challenge_db]> SELECT FROM user;
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 'FROM user' at
line 1

MariaDB [Challenge_db]> SELECT * FROM user;
+-----+-----+-----+-----+-----+-----+-----+
| userID | name | tell | age | birthday | departmentID | stationID |
+-----+-----+-----+-----+-----+-----+-----+
| 1 | 田中 実 | 012-345-6789 | 30 | 1994-02-01 | NULL | 1 |
| 2 | 田中 実 | 012-345-6789 | 30 | 1994-02-01 | 3 | 1 |
+-----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.06 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]> drop table user
-> ;
Query OK, 0 rows affected (0.22 sec)

MariaDB [Challenge_db]> drop table department;
Query OK, 0 rows affected (0.28 sec)

MariaDB [Challenge_db]> drop table station;
ERROR 1051 (42S02): Unknown table 'challenge_db.station'

```
MariaDB [Challenge_db]> CREATE TABLE department(departmentID int Primary
Key,departmentName varchar(255));
Query OK, 0 rows affected (0.27 sec)
```

```
MariaDB [Challenge_db]> CREATE TABLE station(stationID int Primary Key,stationName
varchar(255));
Query OK, 0 rows affected (0.56 sec)
```

```
MariaDB [Challenge_db]> CREATE TABLE user (userID int,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));
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 'foreign
key(stationID) references station(stationID))' at line 2
MariaDB [Challenge_db]> foreign key(departmentID) references department(departmentID));
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 'foreign
key(departmentID) references department(departmentID))' at line 1
MariaDB [Challenge_db]> CREATE TABLE user (userID int,name varchar(255), tell
varchar(255),age int,birthday date,departmentID int,stationID int,
-> foreign key(departmentID) references department(departmentID));
Query OK, 0 rows affected (0.33 sec)
```

```
MariaDB [Challenge_db]> ALTER TABLE user ADD FOREIGN KEY (stationID)
REFERENCES station(stationID);
Query OK, 0 rows affected (0.93 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [Challenge_db]> INSERT INTO department VALUES (1,'開発部');
Query OK, 1 row affected (0.09 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO department VALUES (2,'営業部');
Query OK, 1 row affected (0.08 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO department VALUES (3,'総務部');
Query OK, 1 row affected (0.06 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO station VALUES (1,'九段下')
-> ;
Query OK, 1 row affected (0.06 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO station VALUES (1,'永田町');
ERROR 1062 (23000): Duplicate entry '1' for key 'PRIMARY'
MariaDB [Challenge_db]> INSERT INTO station VALUES (2,'永田町');
Query OK, 1 row affected (0.06 sec)
```

MariaDB [Challenge_db]> INSERT INTO station VALUES (3,'渋谷');
Query OK, 1 row affected (0.06 sec)

MariaDB [Challenge_db]> INSERT INTO station VALUES (4,'神保町');
Query OK, 1 row affected (0.05 sec)

MariaDB [Challenge_db]> INSERT INTO station VALUES (5,'上井草');
Query OK, 1 row affected (0.06 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 (0.05 sec)

MariaDB [Challenge_db]> INSERT INTO user VALUES (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, 4 rows affected, 3 warnings (0.23 sec)
Records: 4 Duplicates: 0 Warnings: 3

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	-13274	24	0000-00-00	2	5
4	佐藤 清	-7518	19	0000-00-00	1	5
5	高橋 清	-11044	24	0000-00-00	3	5

5 rows in set (0.05 sec)

MariaDB [Challenge_db]> UPDATE user SET birthday = '2000-12-24' WHERE profilesID = '3';

ERROR 1054 (42S22): Unknown column 'profilesID' in 'where clause'

MariaDB [Challenge_db]> UPDATE user SET birthday = '2000-12-24' WHERE userID = '3';
Query OK, 1 row affected (0.08 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [Challenge_db]> 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_db]> UPDATE user SET birthday = '2000-12-24' WHERE userID = '5';
Query OK, 1 row affected (0.11 sec)

Rows matched: 1 Changed: 1 Warnings: 0

```
MariaDB [Challenge_db]> UPDATE user SET birthday = '2000-12-24' WHERE profilesID = '3';
```

ERROR 1054 (42S22): Unknown column 'profilesID' in 'where clause'

```
MariaDB [Challenge_db]> UPDATE user SET birthday = '2000-12-24' WHERE userID = '3';
```

Query OK, 0 rows affected (0.03 sec)

Rows matched: 1 Changed: 0 Warnings: 0

```
MariaDB [Challenge_db]> MariaDB [Challenge_db]> UPDATE user SET tell =
```

```
'080-5566-7788' WHERE userID = '3';
```

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 'MariaDB

```
[Challenge_db]> UPDATE user SET tell = '080-5566-7788' WHERE userID = '3' at line 1
```

```
MariaDB [Challenge_db]> UPDATE user SET tell = '080-5566-7788' WHERE userID = '3';
```

Query OK, 1 row affected (0.09 sec)

Rows matched: 1 Changed: 1 Warnings: 0

```
MariaDB [Challenge_db]> UPDATE user SET tell = '012-0987-6543' WHERE userID = '4';
```

Query OK, 1 row affected (0.06 sec)

Rows matched: 1 Changed: 1 Warnings: 0

```
MariaDB [Challenge_db]> UPDATE user SET tell = '090-9900-1234' WHERE userID = '5';
```

Query OK, 1 row affected (0.05 sec)

Rows matched: 1 Changed: 1 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]> SELECT *
```

```
-> ;
```

ERROR 1096 (HY000): No tables used

```
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 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 (0.03 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]>

```
mysql -u shugiziki -p
-> ;
+----+-----+-----+-----+-----+-----+-----+
| 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 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 (0.03 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]>
```