

テーブルの作成とinsert

発行したSQL文を①、結果が表示されたコンソール画面を②とします。

データベース作成

①

```
MariaDB [(none)]> CREATE DATABASE Challenge_db;
```

②

```
MariaDB [(none)]> CREATE DATABASE Challenge_db;  
Query OK, 1 row affected (0.00 sec)
```

アカウントにデータベースの操作権限を与える

①

```
MariaDB [(none)]> GRANT ALL ON Challenge_db.* TO 'rel1123'@'localhost';
```

②

```
MariaDB [(none)]> GRANT ALL ON Challenge_db.* TO 'rel1123'@'localhost';  
Query OK, 0 rows affected (0.00 sec)
```

1. リンク先に定義された情報を扱うテーブルを作成してください。

①

```
MariaDB [Challenge_db]> CREATE TABLE
```

```
-> profiles
```

```
-> (
```

```
-> profilesID int,
```

```
-> name varchar(225),
```

```
-> tel varchar(225),
```

```
-> age int,
```

```
-> birthday date
```

```
-> );
```

②

```
MariaDB [Challenge_db]> CREATE TABLE  
-> profiles  
-> (  
-> profilesID int,  
-> name varchar(225),  
-> tel varchar(225),  
-> age int,  
-> birthday date  
-> );  
Query OK, 0 rows affected (0.01 sec)
```

2. リンク先に定義されたレコードを挿入してください。

①

```
MariaDB [Challenge_db]> INSERT INTO profiles
```

```
-> VALUES(
```

```
-> 1, '田中 実', '012-345-6789', 30, 1994-02-11
```

```
-> );
```

```
-> VALUES(
```

```
-> 2, '鈴木 茂', '090-1122-3344', 37, 1987-08-12),(
```

```
-> 3, '鈴木 実', '080-5566-7788', 24, 2000-12-24),(
```

```
-> 4, '佐藤 清', '012-0987-6543', 19, 2005-08-01),(
```

```
-> 5, '高橋 清', '090-9900-1234', 24, 2000-12-24
```

```
-> );
```

```
MariaDB [Challenge_db]> INSERT INTO profiles  
-> VALUES(  
-> 1, '田中 実', '012-345-6789', 30, 1994-02-11  
-> );
```

```
Query OK, 1 row affected, 1 warning (0.01 sec)
```

```
MariaDB [Challenge_db]> INSERT INTO profiles
```

```
-> VALUES(
```

```
-> 2, '鈴木 茂', '090-1122-3344', 37, 1987-08-12),(
```

```
-> 3, '鈴木 実', '080-5566-7788', 24, 2000-12-24),(
```

```
-> 4, '佐藤 清', '012-0987-6543', 19, 2005-08-01),(
```

```
-> 5, '高橋 清', '090-9900-1234', 24, 2000-12-24
```

```
-> );
```

```
Query OK, 4 rows affected, 4 warnings (0.00 sec)
```

```
Records: 4 Duplicates: 0 Warnings: 4
```

データが正確に格納されていなかったのでUPDATEで修正

①

```
MariaDB [Challenge_db]> UPDATE profiles SET birthday = '1994-02-01' WHERE profilesID = 1;
```

```
MariaDB [Challenge_db]> UPDATE profiles SET birthday = '1987-08-12' WHERE profilesID = 2;
```

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

```
MariaDB [Challenge_db]> UPDATE profiles SET birthday = '2005-08-01' WHERE profilesID = 4;
```

```
MariaDB [Challenge_db]> UPDATE profiles SET birthday = '2000-12-24' WHERE profilesID = 5;
```

②

```
MariaDB [Challenge_db]> UPDATE profiles SET birthday = '1994-02-01' WHERE profilesID = 1;
```

```
Query OK, 1 row affected (0.00 sec)
```

```
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [Challenge_db]> UPDATE profiles SET birthday = '1987-08-12' WHERE profilesID = 2;
```

```
Query OK, 1 row affected (0.00 sec)
```

```
Rows matched: 1 Changed: 1 Warnings: 0
```

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

```
Query OK, 1 row affected (0.00 sec)
```

```
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [Challenge_db]> UPDATE profiles SET birthday = '2005-08-01' WHERE profilesID = 4;
```

```
Query OK, 1 row affected (0.01 sec)
```

```
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [Challenge_db]> UPDATE profiles SET birthday = '2000-12-24' WHERE profilesID = 5;
```

```
Query OK, 1 row affected (0.00 sec)
```

```
Rows matched: 1 Changed: 1 Warnings: 0
```

3. SELECT * で全件検索を行い、レコードが正しく挿入されたことを確認してください。

①

MariaDB [Challenge_db]> SELECT * FROM profiles;

②

```
MariaDB [Challenge_db]> SELECT * FROM profiles;
```

profilesID	name	tel	age	birthday
1	田中 実	012-345-6789	30	1994-02-01
2	鈴木 茂	090-1122-3344	37	1987-08-12
3	鈴木 実	080-5566-7788	24	2000-12-24
4	佐藤 清	012-0987-6543	19	2005-08-01
5	高橋 清	090-9900-1234	24	2000-12-24

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