

課題1前半

XAMPP for Windows - mysql -u miya -p

MariaDB [Challenge_db]> insert into profiles (profilesID, name, tell, age, birthday)

-> values(1,'田中 実','012-345-6789',30,'1994-02-01');

ERROR 1054 (42S22): Unknown column 'tell' in 'field list'

MariaDB [Challenge_db]> drop table profiles;

Query OK, 0 rows affected (0.05 sec)

MariaDB [Challenge_db]> create table profiles(profilesID int, name varchar(255), tell varchar(255), age int, birthday date);

Query OK, 0 rows affected (0.05 sec)

MariaDB [Challenge_db]> insert into profiles (profilesID, name, tell, age, birthday)

-> values(1,'田中 実','012-345-6789',30,'1994-02-01');

Query OK, 1 row affected (0.03 sec)

MariaDB [Challenge_db]> insert into profiles (profilesID, name, tell, age, birthday)

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

Query OK, 1 row affected (0.02 sec)

MariaDB [Challenge_db]> insert into profiles (profilesID, name, tell, age, birthday)

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

Query OK, 1 row affected (0.00 sec)

MariaDB [Challenge_db]> insert into profiles (profilesID, name, tell, age, birthday)

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

Query OK, 1 row affected (0.00 sec)

MariaDB [Challenge_db]> Bye

Yuya@YUYA-PC c:\xampp

mysql -u miya -p

Enter password: ****

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

Your MariaDB connection id is 21

Server version: 10.1.9-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2015, Oracle, MariaDB Corporation Ab and others.

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

課題1 後半

XAMPP for Windows - mysql -u miya -p

```
-> values(3, '鈴木 実', '080-5566-7788', 24, '2000-12-24');  
Query OK, 1 row affected (0.00 sec)
```

```
MariaDB [Challenge_db]> insert into profiles (profilesID, name, tell, age, birthday)  
-> values(4, '佐藤 清', '012-0987-6543', 19, '2005-08-01');  
Query OK, 1 row affected (0.00 sec)
```

```
MariaDB [Challenge_db]> Bye
```

Yuya@YUYA-PC c:\xampp

mysql -u miya -p

Enter password: ****

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

Your MariaDB connection id is 21

Server version: 10.1.9-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2015, Oracle, MariaDB Corporation Ab and others.

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

```
MariaDB [(none)]> use Challenge_db;
```

Database changed

```
MariaDB [Challenge_db]> select * from profiles;
```

profilesID	name	tell	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

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

```
MariaDB [Challenge_db]> insert into profiles (profilesID, name, tell, age, birthday)  
-> values(5, '高橋 清', '090-9900-1234', 24, '2000-12-24');  
Query OK, 1 row affected (0.02 sec)
```

```
MariaDB [Challenge_db]>
```

課題1テキスト

```
create table profiles(profilesID int, name varchar(255), tell varchar(255), age int, birthday date);
```

```
insert into profiles (profilesID, name, tell, age, birthday)
values(1,'田中 実','012-345-6789',30,'1994-02-01');
```

```
insert into profiles (profilesID, name, tell, age, birthday)
values(2,'鈴木 茂','090-1122-3344',37,'1987-08-12');
```

```
insert into profiles (profilesID, name, tell, age, birthday)
values(3,'鈴木 実','080-5566-7788',24,'2000-12-24');
```

```
insert into profiles (profilesID, name, tell, age, birthday)
values(4,'佐藤 清','012-0987-6543',19,'2005-08-01');
```

```
insert into profiles (profilesID, name, tell, age, birthday)
values(5,'高橋 清','090-9900-1234',24,'2000-12-24');
```

課題2

```
mysql -u miya -p
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]> SELECT
-> *
-> FROM
-> profiles
-> WHERE
-> profilesID = 3;
+-----+-----+-----+-----+-----+
| profilesID | name   | tell          | age | birthday |
+-----+-----+-----+-----+-----+
|          3 | 鈴木 実 | 080-5566-7788 | 24  | 2000-12-24 |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

MariaDB [Challenge_db]>
```

課題2テキスト

SELECT

*

FROM

profiles

WHERE

profilesID = 3;

課題3

```
XAMPP for Windows - mysql -u miya -p
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]> SELECT
-> *
-> FROM
-> profiles
-> WHERE
-> name = '高橋 清';
+-----+-----+-----+-----+-----+
| profilesID | name   | tell          | age | birthday |
+-----+-----+-----+-----+-----+
|          5 | 高橋 清 | 090-9900-1234 | 24  | 2000-12-24 |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

MariaDB [Challenge_db]>
```

課題3テキスト

SELECT

*

FROM

profiles

WHERE

name = '高橋 清';

課題4

```
XAMPP for Windows - mysql -u miya -p
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]> SELECT
-> *
-> FROM
-> profiles
-> WHERE
-> age = 24;
+-----+-----+-----+-----+-----+
| profilesID | name   | tell          | age | birthday |
+-----+-----+-----+-----+-----+
|          3 | 鈴木 実 | 080-5566-7788 | 24  | 2000-12-24 |
|          5 | 高橋 清 | 090-9900-1234 | 24  | 2000-12-24 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

MariaDB [Challenge_db]>
```


課題4テキスト

SELECT

*

FROM

profiles

WHERE

age = 24;

課題5

```
XAMPP for Windows - mysql -u miya -p
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]> SELECT
-> *
-> FROM
-> profiles
-> WHERE
-> age >= 25;
+-----+-----+-----+-----+-----+
| profilesID | name   | tell          | age | birthday |
+-----+-----+-----+-----+-----+
|          1 | 田中 実 | 012-345-6789  | 30  | 1994-02-01 |
|          2 | 鈴木 茂 | 090-1122-3344 | 37  | 1987-08-12 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

MariaDB [Challenge_db]>
```

課題5 テキスト

SELECT

*

FROM

profiles

WHERE

age >= 25;

課題6

XAMPP for Windows - mysql -u miya -p

```
MariaDB [Challenge_db]>  
MariaDB [Challenge_db]>  
MariaDB [Challenge_db]>  
MariaDB [Challenge_db]>  
MariaDB [Challenge_db]>  
MariaDB [Challenge_db]>  
MariaDB [Challenge_db]>  
MariaDB [Challenge_db]>  
MariaDB [Challenge_db]>  
MariaDB [Challenge_db]> select  
-> *  
-> from  
-> profiles  
-> where  
-> name like '%実%';
```

profilesID	name	tell	age	birthday
1	田中 実	012-345-6789	30	1994-02-01
3	鈴木 実	080-5566-7788	24	2000-12-24

2 rows in set (0.00 sec)

```
MariaDB [Challenge_db]>
```

課題6テキスト

```
SELECT
```

```
  *
```

```
FROM
```

```
  profiles
```

```
WHERE
```

```
  name like '%実%';
```

課題7

C:\ XAMPP for Windows - mysql -u miya -p

MariaDB [Challenge_db]>

MariaDB [Challenge_db]>

MariaDB [Challenge_db]> UPDATE

-> profiles

-> SET

-> name='吉田 茂'

-> WHERE

-> profilesID = 2;

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [Challenge_db]> SELECT

-> *

-> FROM

-> profiles

-> WHERE

-> profilesID = 2;

profilesID	name	tell	age	birthday
2	吉田 茂	090-1122-3344	37	1987-08-12

1 row in set (0.00 sec)

MariaDB [Challenge_db]>

課題7 テキスト

```
UPDATE
  profiles
SET
  name='吉田 茂'
WHERE
  profilesID = 2;
```

```
SELECT
  *
FROM
  profiles
WHERE
  profilesID = 2;
```

課題8

```
C:\XAMPP for Windows - mysql -u miya -p
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]>
MariaDB [Challenge_db]> DELETE
    -> FROM profiles
    -> WHERE birthday = '2000-12-24';
Query OK, 2 rows affected (0.02 sec)

MariaDB [Challenge_db]> SELECT
    -> *
    -> FROM
    -> profiles;
+-----+-----+-----+-----+-----+
| profilesID | name   | tell       | age  | birthday |
+-----+-----+-----+-----+-----+
|          1 | 田中 実 | 012-345-6789 | 30   | 1994-02-01 |
|          2 | 吉田 茂 | 090-1122-3344 | 37   | 1987-08-12 |
|          4 | 佐藤 清 | 012-0987-6543 | 19   | 2005-08-01 |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```


課題8 テキスト

```
DELETE  
FROM profiles  
WHERE birthday ='2000-12-24';
```

```
SELECT  
*  
FROM  
profiles;
```

課題9

```
C:\> XAMPP for Windows - mysql -u miya -p
```

[illegible]

```

-> *
-> FROM
->   user
-> LEFT OUTER JOIN
->   department on user.departmentID = department.departmentID
-> LEFT OUTER JOIN
->   station on user.stationID = station.stationID;

```

userID	name	tell	age	birthday	departmentID	stationID	departmentID	departmentName	stationID	tationName
1	田中 実	012-345-6789	30	1994-02-01	3	1	3	総務部	1	九段下
2	鈴木 茂	090-1122-3344	37	1987-08-12	3	4	3	総務部	4	神保町
3	鈴木 実	080-5566-7788	24	2000-12-24	2	5	2	営業部	5	上井草
4	佐藤 清	012-0987-6543	19	2005-08-01	1	5	1	開発部	5	上井草
5	高橋 清	090-9900-1234	24	2000-12-24	3	5	3	総務部	5	上井草

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

MariaDB [Challenge db]>

課題9テキスト(テーブル作成編)

```
create table department(  
    departmentID int NOT NULL PRIMARY KEY, departmentName varchar(255)  
);  
create table station(  
    stationID int NOT NULL PRIMARY KEY, tationName varchar(255)  
);  
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)  
);
```

課題9テキスト(データ挿入編前半)

```
insert into user (userID, name, tell, age, birthday,departmentID, stationID)
values(1,'田中 実','012-345-6789',30,'1994-02-01',3,1);
```

```
insert into user (userID, name, tell, age, birthday, departmentID, stationID)
values(2,'鈴木 茂','090-1122-3344',37,'1987-08-12',3,4);
```

```
insert into user (userID, name, tell, age, birthday, departmentID, stationID)
values(3,'鈴木 実','080-5566-7788',24,'2000-12-24',2,5);
```

```
insert into user (userID, name, tell, age, birthday, departmentID, stationID)
values(4,'佐藤 清','012-0987-6543',19,'2005-08-01',1,5);
```

```
insert into user (userID, name, tell, age, birthday, departmentID, stationID)
values(5,'高橋 清','090-9900-1234',24,'2000-12-24',3,5);
```

課題9テキスト(データ挿入編後半)

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

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

課題9テキスト(データ表示編)

SELECT

*

FROM

user

LEFT OUTER JOIN

department on user.departmentID = department.departmentID

LEFT OUTER JOIN

station on user.stationID = station.stationID;