

データベース課題

1)

```
XAMPP for Windows - mysql -u shindo -p

MariaDB [(none)]> use challenge_db;
Database changed
MariaDB [challenge_db]> select * from profiles;
Empty set (0.00 sec)

MariaDB [challenge_db]> alter table profiles add tell varchar(255) after name;
Query OK, 0 rows affected (0.23 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [challenge_db]> show columns from profiles;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| profilesID | int(11)    | YES  |     | NULL    |       |
| name       | varchar(225) | YES  |     | NULL    |       |
| tell       | varchar(255) | YES  |     | NULL    |       |
| age        | int(11)    | YES  |     | NULL    |       |
| birthday   | date       | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (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'), (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, 5 rows affected (0.02 sec)
Records: 5 Duplicates: 0 Warnings: 0

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 |
| 5          | 高橋 清   | 090-9900-1234 | 24  | 2000-12-24 |
+-----+-----+-----+-----+-----+
5 rows in set (0.02 sec)

MariaDB [challenge_db]>
```

・テーブルの作成

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

・INSERT文

```
insert into profiles(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 茂', '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');
```

2)

The screenshot shows a Windows desktop environment. In the center, a terminal window titled "XAMPP for Windows - mysql -u shindo -p" is open, displaying the following SQL queries and results:

```

MariaDB [challenge_db]> insert into profiles(profilesID, name, tell, age, birthday)
-> values(1, '田中 実', '012-345-6789', 30, '1994-02-01'), (2, '鈴木 茂', '09
-> (3, '鈴木 実', '080-5566-7788', 24, '2000-12-24'), (4, '佐藤 清', '012-098
-> (5, '高橋 清', '090-9900-1234', 24, '2000-12-24');
Query OK, 5 rows affected (0.02 sec)
Records: 5  Duplicates: 0  Warnings: 0

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 |
| 5          | 高橋 清 | 090-9900-1234 | 24   | 2000-12-24 |
+-----+-----+-----+-----+-----+
5 rows in set (0.02 sec)

MariaDB [challenge_db]> show columns from profiles;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| profilesID | int(11)       | YES  |     | NULL    |       |
| name       | varchar(225)  | YES  |     | NULL    |       |
| tell       | varchar(255)  | YES  |     | NULL    |       |
| age        | int(11)       | YES  |     | NULL    |       |
| birthday   | date          | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.03 sec)

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 (0.02 sec)

MariaDB [challenge_db]>

```

The desktop background features a blue abstract design with various icons for applications like Autodesk 360, TeXworks, bcpad, Autodesk Design Review 2013, WinShell, jcpad.exe, DWG TrueView 2014, Oracle VM VirtualBox, NetBeans IDE 8.1, Adobe Reader XI, ClsM3.exe, GEEK CAMP37日目.txt, Code Composer Studio 5.4.0, Cygwin Terminal, MATLAB, Autodesk Inventor, Tera Term, and Robocode. The taskbar at the bottom shows the Start button, Internet Explorer, File Explorer, and several other application icons. The system clock in the bottom right corner indicates the time is 16:04 on 2016/11/04.

▪SELECT文

```
select * from profiles where profilesID = 3;
```


3)

The screenshot shows a Windows desktop environment. In the center, a terminal window titled "XAMPP for Windows - mysql -u shindo -p" is open, displaying SQL queries and their results. The desktop background is a blue abstract design with various application icons. The taskbar at the bottom shows the Start button and several open applications.

Terminal Output:

```

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 |
| 5          | 高橋 清 | 090-9900-1234 | 24  | 2000-12-24 |
+-----+-----+-----+-----+-----+
5 rows in set (0.02 sec)

MariaDB [challenge_db]> show columns from profiles;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| profilesID | int(11)       | YES  |     | NULL    |       |
| name       | varchar(225)  | YES  |     | NULL    |       |
| tell       | varchar(255)  | YES  |     | NULL    |       |
| age        | int(11)       | YES  |     | NULL    |       |
| birthday   | date          | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.03 sec)

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 (0.02 sec)

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]>

```

Desktop Icons: ごみ箱, scad3 - ショートカット, processing.exe - ショートカット, Autodesk 360, TeXworks, bcpad - ショートカット, Autodesk Design Review 2013, WinShell, jcpad.exe - ショートカット, DWG TrueView 2014 - 日本..., Oracle VM VirtualBox, NetBeans IDE 8.1, Adobe Reader XI, CIsM3.exe - ショートカット, GEEK CAMP37日 目.txt, Code Composer Studio 5.4.0, Cygwin Terminal, MATLAB, Autodesk Inventor ..., Tera Term, Robocode.

Taskbar: Windows Start button, Internet Explorer, File Explorer, Task Manager, Visual Studio Code, TeXworks, bcpad, jcpad, DWG TrueView, Oracle VM VirtualBox, NetBeans IDE, Adobe Reader, CIsM3, GEEK CAMP, Code Composer Studio, Cygwin Terminal, MATLAB, Autodesk Inventor, Tera Term, Robocode.

System Tray: Keyboard, Mouse, Network, Volume, Date/Time: 16:09 2016/11/04.

▪SELECT文

```
select * from profiles where name = '高橋 清';
```


4)

The screenshot shows a Windows desktop environment. A terminal window titled "XAMPP for Windows - mysql -u shindo -p" is open, displaying the following SQL queries and results:

```

MariaDB [challenge_db]> show columns from profiles;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| profilesID | int(11) | YES | | NULL | |
| name | varchar(225) | YES | | NULL | |
| tell | varchar(255) | YES | | NULL | |
| age | int(11) | YES | | NULL | |
| birthday | date | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.03 sec)

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 (0.02 sec)

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]> 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]>

```

The desktop background is a blue abstract design with various application icons. The taskbar at the bottom shows the Start button, Internet Explorer, File Explorer, and several other applications including MATLAB, Autodesk Inventor, and Robocode. The system clock in the bottom right corner indicates the time is 16:12 on 2016/11/04.

▪SELECT文

```
select * from profiles where age = 24;
```