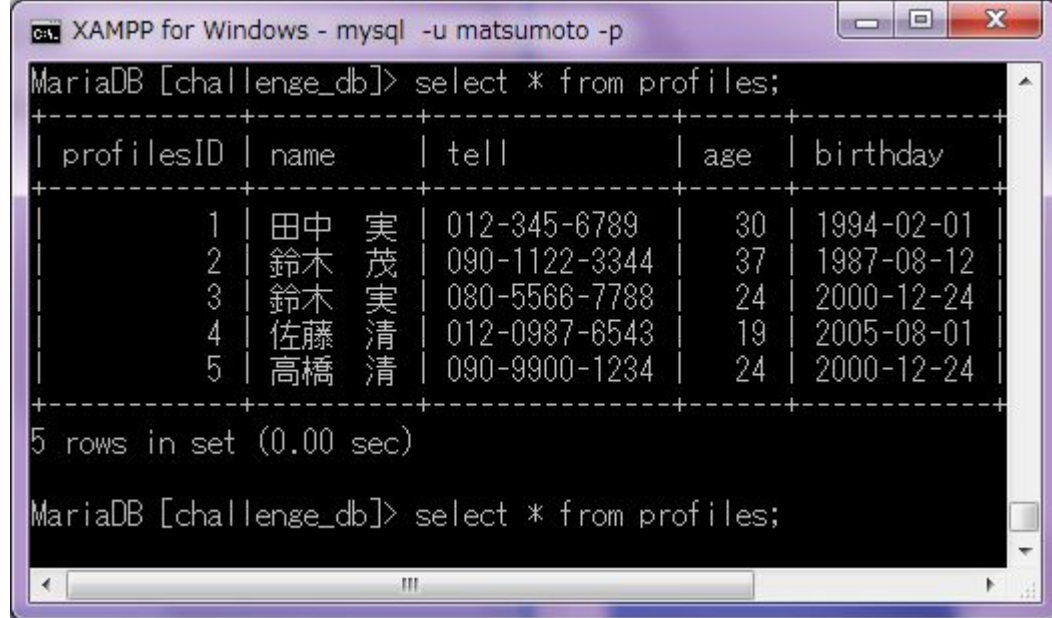


データベース基礎学習

課題1:[このリンク](#)にあるようなテーブルをCREATEし、記述されているレコードをINSERTしてください。このINSERT文は別途テキスト化してパワポに追記をしておいてください。全件INSERT後、SELECT *により全要素を表示してください。



The screenshot shows a MySQL command prompt window titled "XAMPP for Windows - mysql -u matsumoto -p". The prompt is "MariaDB [challenge_db]>". The user has entered the command "select * from profiles;". The output is a table with 5 rows and 5 columns: profilesID, name, tell, age, and birthday. The data is as follows:

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

Below the table, it says "5 rows in set (0.00 sec)". The prompt is then "MariaDB [challenge_db]> select * from profiles;".

```
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:profilesIDが3のレコードのみを検索して表示




The screenshot shows a terminal window titled "XAMPP for Windows - mysql -u matsumoto -p". The prompt is "MariaDB [challenge_db]>". The user has entered the query "select * from profiles where profilesID=3;". The output is a table with 5 columns: profilesID, name, tell, age, and birthday. The table contains one row with the values 3, 鈴木 実, 080-5566-7788, 24, and 2000-12-24. Below the table, it says "1 row in set (0.00 sec)". The prompt is now "MariaDB [challenge_db]> _".

```
XAMPP for Windows - mysql -u matsumoto -p
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]> _
```

select * from profiles where profilesID=3;

課題3:nameが「高橋
清」のレコードのみを検
索して表示

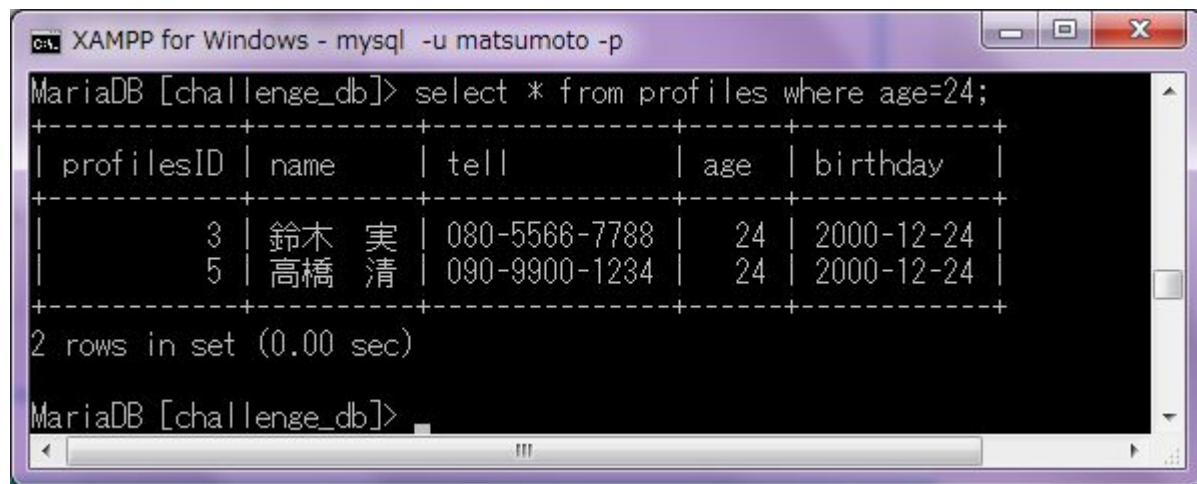


```
XAMPP for Windows - mysql -u matsumoto -p
MariaDB [challenge_db]> select * from profiles where name='高橋 清';
+-----+-----+-----+-----+-----+
| profilesID | name   | tell       | age | birthday |
+-----+-----+-----+-----+-----+
|          5 | 高橋 清 | 090-9900-1234 | 24  | 2000-12-24 |
+-----+-----+-----+-----+-----+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

MariaDB [challenge_db]>
```

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

課題4:ageが「24」のレコードのみを検索して表示



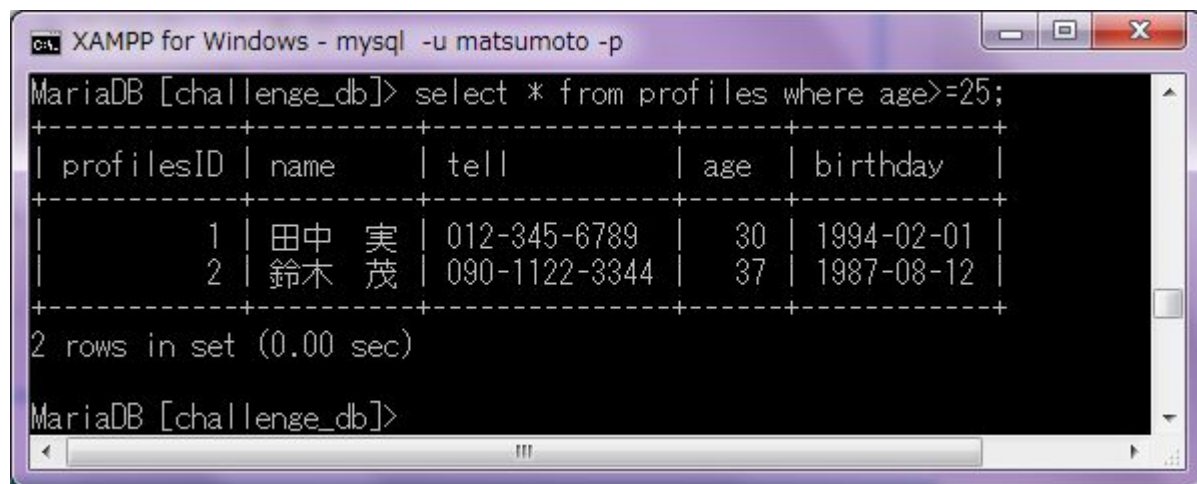
The screenshot shows a Windows command prompt window titled "XAMPP for Windows - mysql -u matsumoto -p". The prompt is "MariaDB [challenge_db]>". The user has entered the SQL query "select * from profiles where age=24;". The output is a table with 5 columns: profilesID, name, tell, age, and birthday. There are 2 rows of data. Below the table, it says "2 rows in set (0.00 sec)". The prompt is now "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]>
```

select * from profiles where age=24;

課題5:ageが「25以上」
のレコードのみを検索
して表示(WHERE句の
記述を変える)



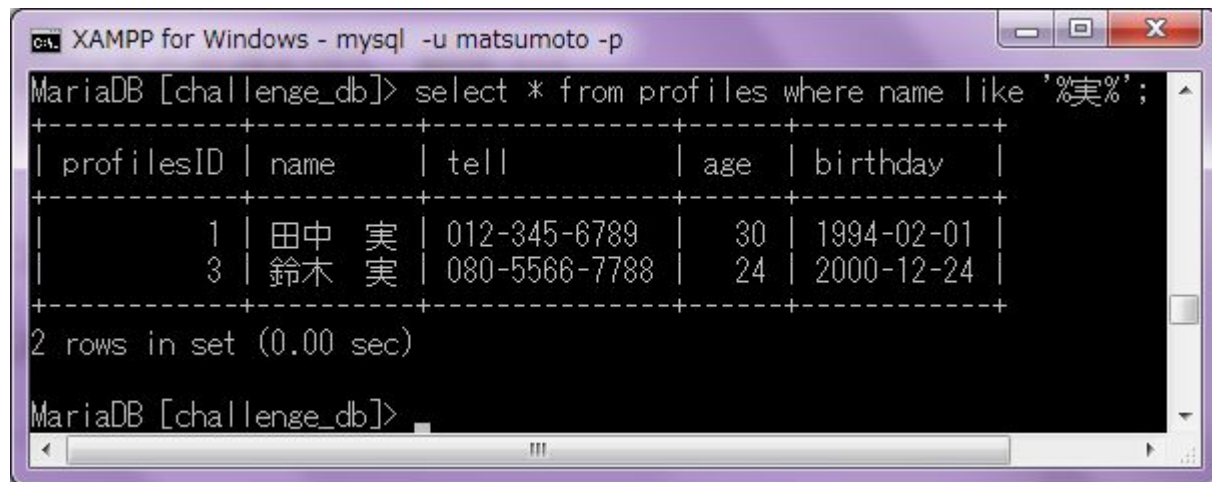
The screenshot shows a terminal window titled "XAMPP for Windows - mysql -u matsumoto -p". The prompt is "MariaDB [challenge_db]>". The user has entered the command "select * from profiles where age>=25;". The output is a table with 5 columns: profilesID, name, tell, age, and birthday. There are 2 rows of data. Below the table, it says "2 rows in set (0.00 sec)". The prompt "MariaDB [challenge_db]>" is shown again at the bottom.

```
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]>
```

select * from profiles where age>=25;

課題6:nameに「実」が含まれているレコードを表示(部分一致の修飾語句を追記する)



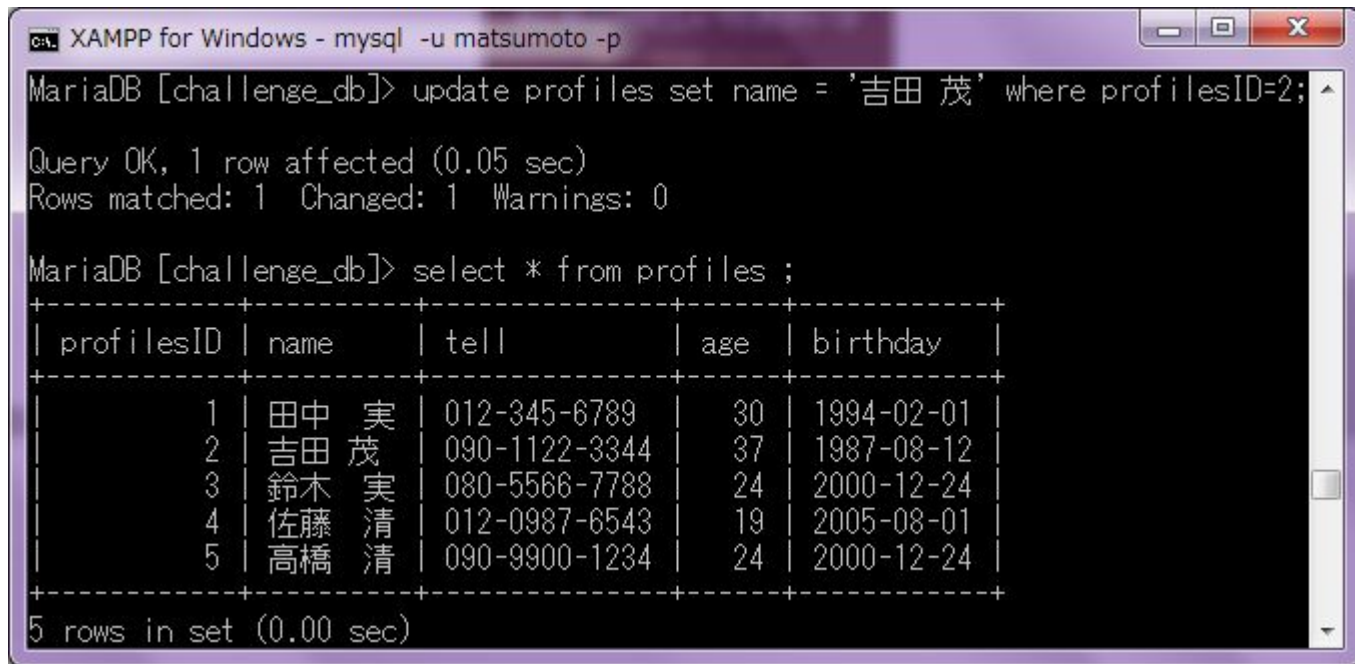
The screenshot shows a MySQL command prompt window titled "XAMPP for Windows - mysql -u matsumoto -p". The prompt is "MariaDB [challenge_db]>". The user has entered the query "select * from profiles where name like '%実%';". The result is displayed in a table format with columns: profilesID, name, tell, age, and birthday. There are two rows of data: one for ID 1 (田中 実) and one for ID 3 (鈴木 実). Below the table, it says "2 rows in set (0.00 sec)". The prompt "MariaDB [challenge_db]>" is visible again at the bottom.

```
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]>
```

select * from profiles where name like '%実%';

課題7:profilesID
が2のnameを「吉
田 茂」に更新す
る。この1件を
SELECTして表示
する



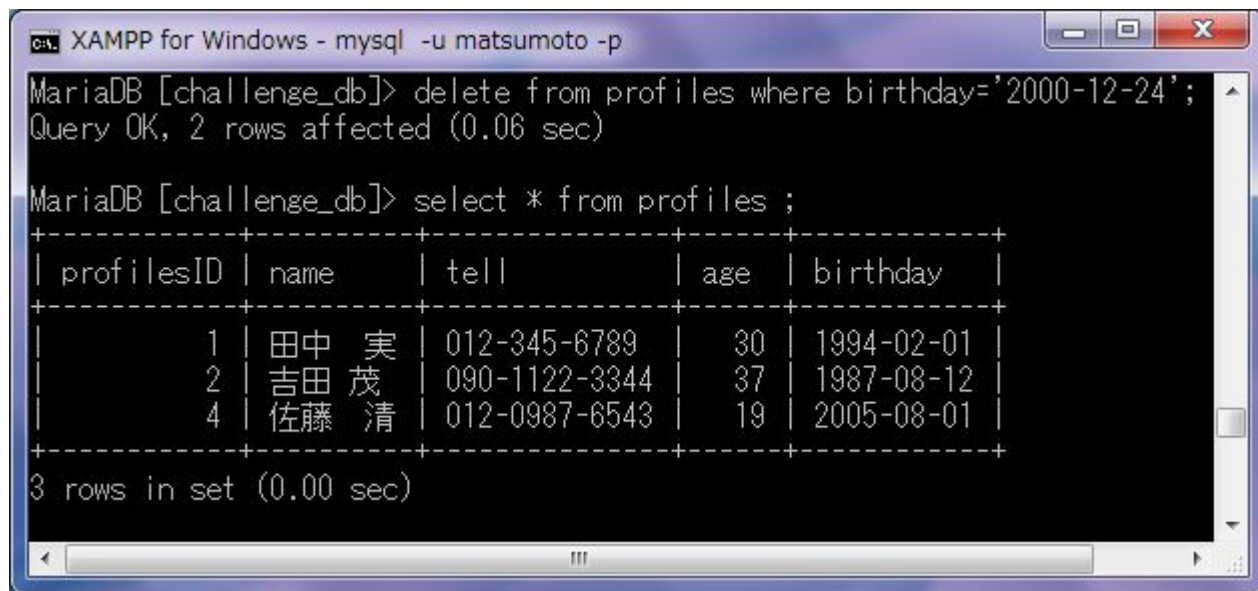
The screenshot shows a MySQL command prompt window titled "XAMPP for Windows - mysql -u matsumoto -p". The prompt is "MariaDB [challenge_db]>". The first command entered is "update profiles set name = '吉田 茂' where profilesID=2;". The output is "Query OK, 1 row affected (0.05 sec)" and "Rows matched: 1 Changed: 1 Warnings: 0". The second command entered is "select * from profiles;". The output is a table with 5 rows and 6 columns: profilesID, name, tell, age, and birthday. The data is as follows:

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
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

The prompt then shows "5 rows in set (0.00 sec)".

update profiles set name = '吉田 茂' where profilesID=2;

課題8:birthdayが
2000-12-24のレ
コードを削除する。
SELECT*で表示す
る



The screenshot shows a terminal window titled "XAMPP for Windows - mysql -u matsumoto -p". The user has entered two SQL commands. The first command is a DELETE statement that successfully removed two rows from the 'profiles' table. The second command is a SELECT statement that displays the remaining three rows of the table. The output is formatted as a table with columns: profilesID, name, tell, age, and birthday.

```
MariaDB [challenge_db]> delete from profiles where birthday='2000-12-24';
Query OK, 2 rows affected (0.06 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)
```

delete from profiles where birthday='2000-12-24';