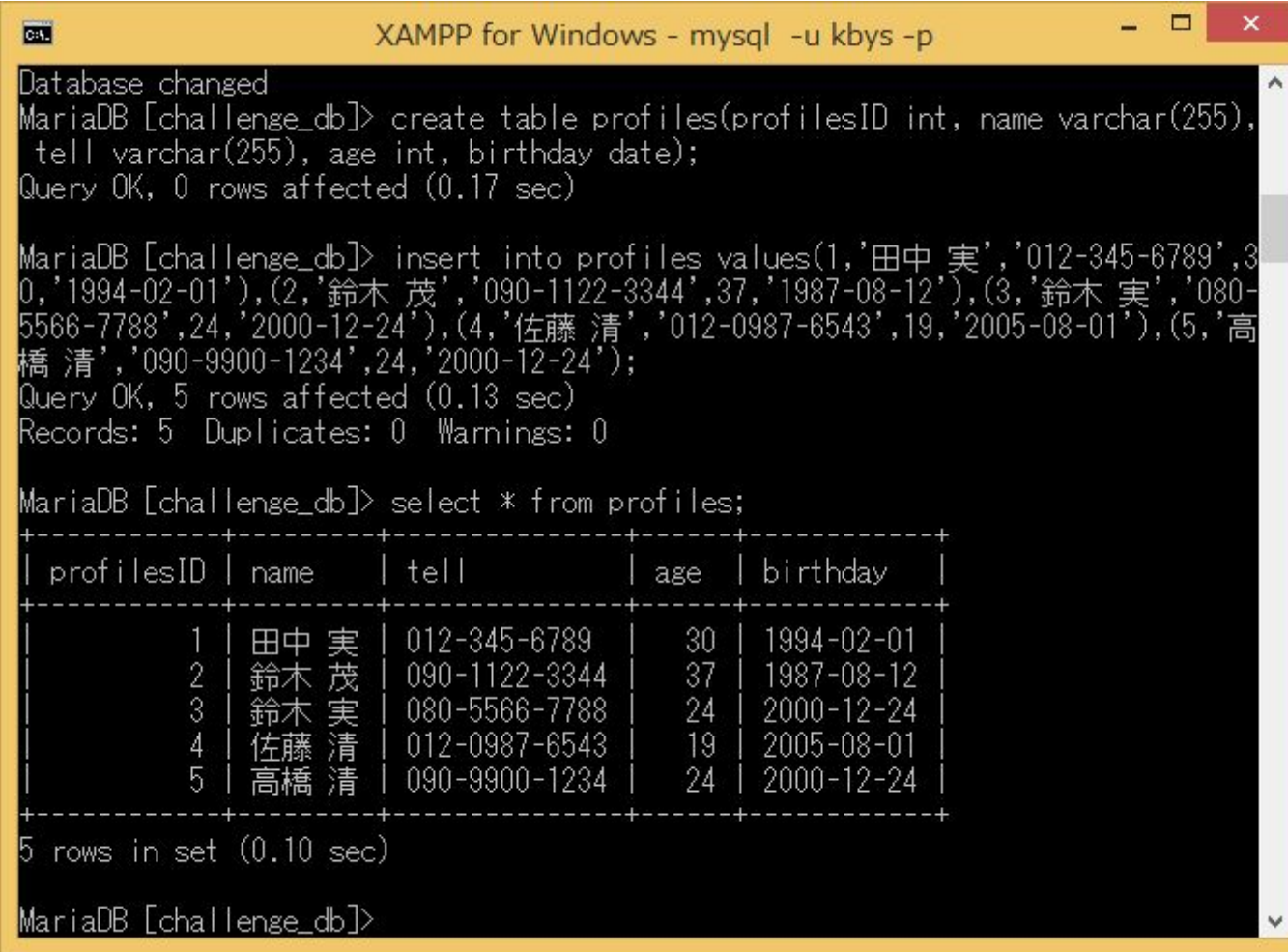


課題1

```
insert into profiles
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');
```



XAMPP for Windows - mysql -u kbys -p

```
Database changed
MariaDB [challenge_db]> create table profiles(profilesID int, name varchar(255),
tell varchar(255), age int, birthday date);
Query OK, 0 rows affected (0.17 sec)

MariaDB [challenge_db]> insert into profiles values(1,'田中 実','012-345-6789',3
0,'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 (0.13 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 (0.10 sec)

MariaDB [challenge_db]>
```

課題2

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

```
XAMPP for Windows - mysql -u kbys -p
橋 清','090-9900-1234',24,'2000-12-24');
Query OK, 5 rows affected (0.13 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 (0.10 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 (0.11 sec)

MariaDB [challenge_db]>
```

課題3

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

```
XAMPP for Windows - mysql -u kbys -p
+-----+-----+-----+-----+-----+
| 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 (0.10 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 (0.11 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]>
```

課題4

select * from profiles where
age=24;

```
XAMPP for Windows - mysql -u kbys -p
+-----+-----+-----+-----+-----+
| profilesID | name   | tell           | age | birthday |
+-----+-----+-----+-----+-----+
|          3 | 鈴木 実 | 080-5566-7788 | 24  | 2000-12-24 |
+-----+-----+-----+-----+-----+
1 row in set (0.11 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]>
```

課題5

select * from profiles where
age>=25;

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

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]> 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6

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

```
XAMPP for Windows - mysql -u kbys -p
+-----+-----+-----+-----+-----+
| 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 like name='%実%';
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 'lik
e name='%実%'' at line 1
MariaDB [challenge_db]> select * from profiles where name like'*実*';
Empty set (0.08 sec)

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7

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

```
XAMPP for Windows - mysql -u kbys -p
MariaDB [challenge_db]> select * from profiles where name like '*実*';
Empty set (0.08 sec)

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]> update profiles set name='吉田 茂'where profilesID=2;
Query OK, 1 row affected (0.11 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8

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

```
XAMPP for Windows - mysql -u kbys -p
Query OK, 1 row affected (0.11 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]> delete from profiles where birthday='2000-12-24';
Query OK, 2 rows affected (0.09 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)

MariaDB [challenge_db]>
```


課題9

```
create table department(departmentID int primary key, departmentName varchar(255));
```

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

```
MariaDB [challenge_db]> insert into station values(1,'九段下'),(2,'永田町'),(3,'渋谷'),(4,'神保町'),(5,'上井草');
```

```
alter table department engine=InnoDB;
```

```
alter table station engine=InnoDB;
```

```
alter table station add index(stationID);
```

```
alter table department add index(departmentID);
```

課題9

```
create table user(userID int primary key, name varchar(255), tell varchar(255), age int, birthday date,
departmentID int, foreign key(departmentID) references department(departmentID), stationID int, foreign key
(stationID) references station(stationID))engine=InnoDB;
```

```
insert into user values(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);
```

課題9

```
C:\> XAMPP for Windows - mysql -u kbys -p
Query OK, 5 rows affected (0.00 sec)
Records: 5 Duplicates: 0 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]>
```