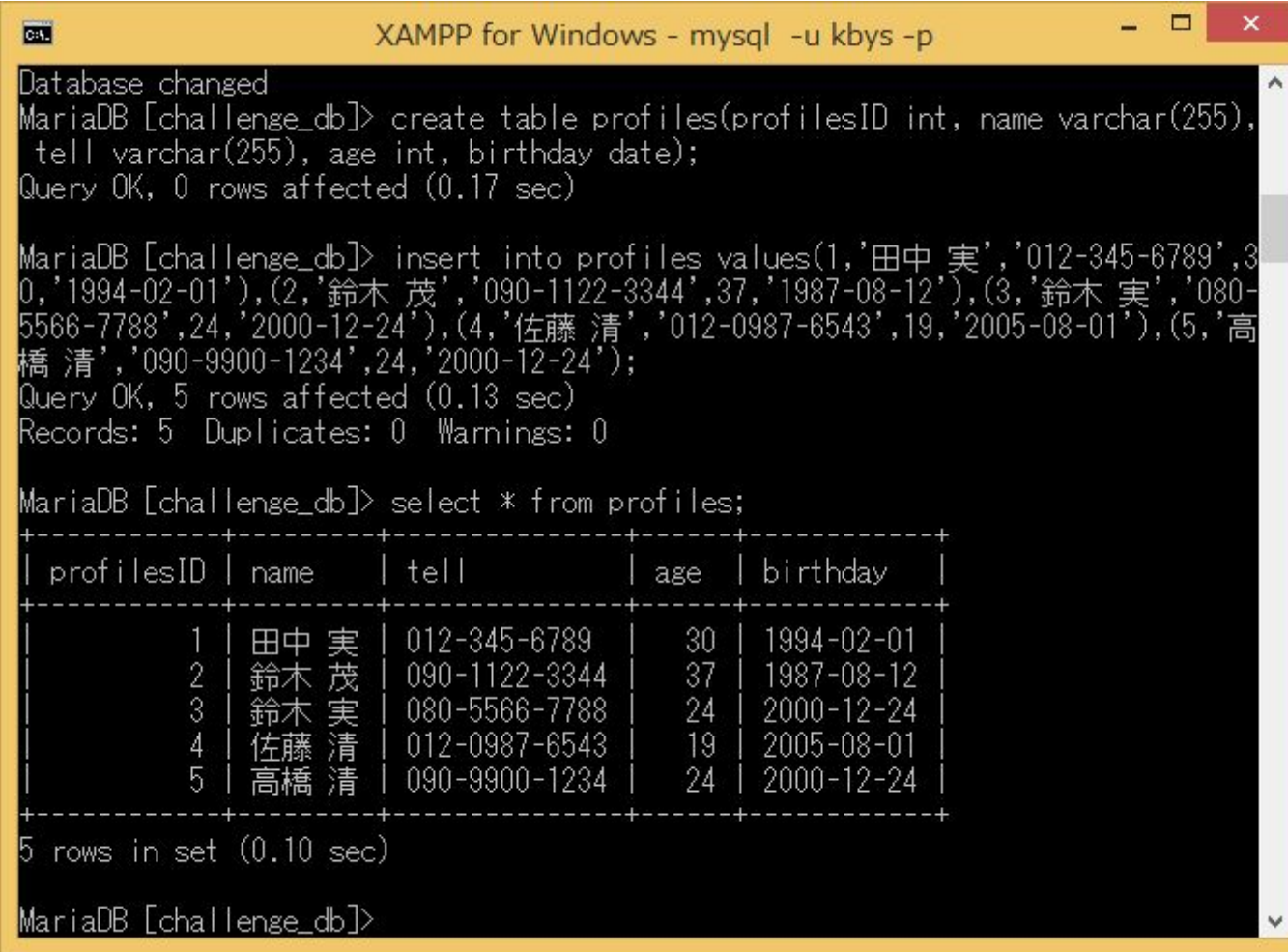課題1

```
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');
```

課題2

select * from profiles
where profilesID=3;

```
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';

課題4

select * from profiles where age=24;

課題5

select * from profiles where age>=25;

課題6

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

課題7

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


```
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';

課題9

```
create table department(departmentID int primary key, de
partmentName 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

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]>
```