データベース課題

課題1
insert into profiles() values(1,'田中実','012-345-6789',30,'1994-02-01');
insert into profiles() values(2,'鈴木茂','090-1122-3344',37,'1987-08-12');
insert into profiles() values(3,'鈴木実','080-5566-7788',24,'2000-12-24');
insert into profiles() values(4,'佐藤清','012-0987-6543',19,'2005-08-01');
insert into profiles() values(5,'高橋清','090-9900-1234',24,'2000-12-24');

```
mysql> 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 (0.03 sec)
```

課題2

select * from profiles where(profilesID=3);

```
[mysql> 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 (0.01 sec)
```

課題3

mysql> select * from profiles where(name='高橋清');

```
[mysql> 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 (0.01 sec)
```

課題4

mysql> select * from profiles where(age=24);

```
[mysql> 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)
```

課題5

mysql> select * from profiles where(age>25);

```
[mysql> 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)
```

課題6

mysql> select * from profiles where(name like '%実');

```
mysql> 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)
```

課題7

mysql> update profiles set name='吉田茂' where profilesID=2;
mysql> select * from profiles where profilesID=2;

```
mysql> 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)
```

課題8

delete from profiles where(birthday='2000-12-24');
select * from profiles;

```
[mysql> 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9

table department　の作成
 create table department(departmentID int primary key,departmentName varchar(225));
insert into department() values(1,'開発部');
 insert into department() values(2,'営業部');
insert into department() values(3,'総務部');

table station の作成
 create table station(stationID int primary key,stationName varchar(225));
 insert into station() values(1,'九段下');
insert into station() values(2,'永田町');
insert into station() values(3,'渋谷');
insert into station() values(4,'神保町');
 insert into station() values(5,'上井草');

課題9の続き

table user の作成

create table user(userID int primary key,name varchar(225),tell varchar(225),age int,birthday date,departmentID int,stationID int, foreign key(departmentID) references department(departmentID), foreign key(stationID) references station(stationID));

insert into user() values(1,'田中実','012-345-6789',30,'1994-02-01',3,1);
 insert into user() values(2,'鈴木茂','090-1122-3344',37,'1987-08-12',3,4);
insert into user() values(3,'鈴木実','080-5566-7788',24,'2000-12-24',2,5);
 insert into user() values(4,'佐藤清','012-0987-6543',19,'2005-08-01',1,5);
insert into user() values(5,'高橋清','090-9900-1234',24,'2000-12-24',3,5);

```
[mysql> 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)

mysql>
```

```
[mysql> select * from department;
+--------------+----------------+
| departmentID | departmentName |
+--------------+----------------+
|            1 | 開発部         |
|            2 | 営業部         |
|            3 | 総務部         |
+--------------+----------------+
3 rows in set (0.00 sec)
```

```
[mysql> select * from station;
+-----------+-------------+
| stationID | stationName |
+-----------+-------------+
|         1 | 九段下      |
|         2 | 永田町      |
|         3 | 渋谷        |
|         4 | 神保町      |
|         5 | 上井草      |
+-----------+-------------+
5 rows in set (0.00 sec)
```