

課題1

```
create table challenge_db.profiles //テーブル作成
(profilesID int, name varchar(255), tell varchar(255), age int, birthday date);

INSERT INTO profiles /////インサート テーブルにレコード（行）を追加する
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');

select * from profiles; //全要素を表示
```

```
[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 (0.00 sec)
```

課題2

//profilesIDが3のレコードのみを検索して表示

```
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 (0.00 sec)
```

課題3

//nameが「高橋 清」のみのレコードを検索して表示

```
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 (0.00 sec)
```

課題4

//ageが「24」のみのレコードを検索して表示

```
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

//ageが「25」以上のレコードを検索して表示

```
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 (0.01 sec)
```

課題6

//nameに「実」が含まれているレコードを表示

```
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

//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。

```
UPDATE profiles set name = '吉田 茂'  
where profilesID = 2;
```

```
select * from profiles where profilesID = 2;
```

```
[mysql> UPDATE profiles set name = '吉田 茂'
```

```
    -> where profilesID = 2;
```

```
Query OK, 1 row affected (0.00 sec)
```

```
Rows matched: 1  Changed: 1  Warnings: 0
```

```
[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

//birthdayが2000-12-24のレコードを削除する。SELECT*で表示する

```
DELETE from profiles  
WHERE birthday = '2000-12-24';  
select * from profiles;
```

```
[mysql> DELETE from profiles
-> WHERE birthday = '2000-12-24';
Query OK, 2 rows affected (0.01 sec)
```

```
[mysql> select * from profiles;
```

| profilesID | name | tell | age | birthday |
|------------|------|---------------|-----|------------|
| 1 | 吉田茂 | 012-345-6789 | 30 | 1994-02-01 |
| 2 | 吉田 茂 | 090-1122-3344 | 37 | 1987-08-12 |
| 4 | 吉田茂 | 012-0987-6543 | 19 | 2005-08-01 |

```
3 rows in set (0.00 sec)
```


課題9

```
create table challenge_user
(profilesID int, name varchar(255), tell varchar(255), age int, birthday date, departmentID int, stationID int);
INSERT INTO challenge_user value(1,'田中 実','012-345-6789','30','1994-02-01','3','1');
INSERT INTO challenge_user value(2,'鈴木 茂','090-1122-3344','37','1987-08-12','3','4');
INSERT INTO challenge_user value(3,'鈴木 実','080-5566-7788','24','2000-12-24','2','5');
INSERT INTO challenge_user value(4,'佐藤 清','012-0987-6543','19','2005-08-01','1','5');
INSERT INTO challenge_user value(5,'高橋 清','090-9900-1234','24','2000-12-24','3','5');
select * from challenge_user;
```

```
mysql> select * from challenge_user;
```

| profilesID | name | tell | age | birthday | depertmentID | 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)
```

```
create table challenge_db.department(departmentID int, departmentName varchar(255));  
INSERT INTO challenge_db.department  
value(1,'開発部');  
  
INSERT INTO challenge_db.department  
value(2,'営業部');  
  
INSERT INTO challenge_db.department  
value(3,'総務部');  
  
select * from challenge_db.department;
```

```
[mysql> select * from challenge_db.deperartment;
```

| +-----+-----+ | |
|---------------|------------------|
| departmentID | deperartmentName |
| +-----+-----+ | |
| | 1 開発部 |
| | 2 営業部 |
| | 3 総務部 |
| +-----+-----+ | |

```
create table challenge_db.station  
(stationID int, stationName varchar(255));  
INSERT INTO challenge_db.station value(1,'九段下');  
INSERT INTO challenge_db.station value(2,'永田町');  
INSERT INTO challenge_db.station value(3,'渋谷');  
INSERT INTO challenge_db.station value(4,'神保町');  
INSERT INTO challenge_db.station value(5,'上井草');  
mysql> select * from challenge_db.station;
```

```
[mysql> select * from challenge_db.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)
```