

****各課題ごとにナンバリングしてタイトルをつけています。**

<1>テーブルの作成とinsert

```
MariaDB [geekjob]> INSERT INTO profiles VALUES(1,"田中 実",  
"012-345-6789",30,"1994-02-01");  
Query OK, 1 row affected (0.11 sec)
```

```
MariaDB [geekjob]> INSERT INTO profiles VALUES(2,"鈴木 茂",  
"090-1122-3344",37,"1987-08-12");  
Query OK, 1 row affected (0.11 sec)
```

```
MariaDB [geekjob]> INSERT INTO profiles VALUES(3,"鈴木 実",  
"080-5566-7788",24,"2000-12-24");  
Query OK, 1 row affected (0.11 sec)
```

```
MariaDB [geekjob]> INSERT INTO profiles VALUES(4,"佐藤 清",  
"012-0987-6543",19,"2005-08-01");  
Query OK, 1 row affected (0.06 sec)
```

```
MariaDB [geekjob]> INSERT INTO profiles VALUES(5,"高橋 清",  
"090-9900-1234",24,"2000-12-24");  
Query OK, 1 row affected (0.05 sec)
```

<2>検索と表示

```
MariaDB [geekjob]> SELECT * from profiles  
-> where profilesID =3;
```

<3>特定のレコードのみを検索、表示1

```
MariaDB [geekjob]> SELECT * from profiles  
-> where name="高橋 清";
```

<4>特定のレコードのみを検索、表示2

```
MariaDB [geekjob]> SELECT * from profiles  
-> where age =24;
```

<5>特定のレコードのみを検索、表示3

```
MariaDB [geekjob]> SELECT * from profiles  
-> where age >=25;
```

<6>特定のレコードのみを検索、表示4

```
MariaDB [geekjob]> SELECT * from profiles  
-> where name LIKE '%実%';
```

<7>特定のレコードの更新

```
MariaDB [geekjob]> UPDATE profiles SET name="吉田 茂" where profilesID =2;  
Query OK, 1 row affected (0.08 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [geekjob]> SELECT * from profiles  
-> where profilesID  
-> =2;
```

<8>特定のレコードの削除

```
MariaDB [geekjob]> DELETE from profiles  
-> where birthday = "2000-12-24";  
Query OK, 2 rows affected (0.05 sec)
```

```
MariaDB [geekjob]> SELECT * from profiles ;
```

<9>Primary Key と Foreign Keyの宣言

```
MariaDB [geekjob]> ALTER TABLE user ADD FOREIGN KEY (departmentid)  
REFERENCES department (departmentid);  
Query OK, 5 rows affected (3.66 sec)  
Records: 5 Duplicates: 0 Warnings: 0
```

```
MariaDB [geekjob]> ALTER TABLE user ADD FOREIGN KEY (stationid) REFERENCES  
station (stationid);  
Query OK, 5 rows affected (1.58 sec)  
Records: 5 Duplicates: 0 Warnings: 0
```

