

# [GEEK JOB 課題 primary-foreign ]

## 実行コード

### テーブル作成

```
create table user(  
  profileID int,  
  name varchar(255),  
  tel varchar(255),  
  age int,  
  birthday date,  
  departmentID int,  
  stationID int);
```

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

```
create table station(  
  stationID int,  
  stationName varchar(255));
```

### キー設定

```
alter table user add constraint  
pk_id_1 primary key (profileID);
```

```
alter table user add constraint  
pk_id_1 primary key (departmentID);
```

```
alter table station add constraint  
pk_id_2 primary key (stationID);
```

```
alter table user add constraint fk_id  
foreign key(departmentID)  
references department station(stationID)
```

### レコード挿入

```
insert into user values(1,'田中実',  
  '012-345-6789','30','1994-02-01',3,1);
```

→上記insert文を適宜繰り返す。

insert into department values(1,'九段下');

→上記insert文を適宜繰り返し。

insert into station values(1,'開発部');

→上記insert文を適宜繰り返し。

```
MariaDB [challenge_db]> show columns from user;
```

Field	Type	Null	Key	Default	Extra
profilesID	int(11)	NO	PRI	NULL	
name	varchar(255)	YES		NULL	
tel	varchar(255)	YES		NULL	
age	int(11)	YES		NULL	
birthday	date	YES		NULL	
departmentID	int(11)	YES	MUL	NULL	
stationID	int(11)	YES	MUL	NULL	

7 rows in set (0.00 sec)