データベース課題9

課題9:このリンクにあるようなテーブル群(複数シートあり)をCREATEし、記述されているレコードをINSERTしてください。CREATE時には同時に主キーと外部キーの指定もしてください(Primary Key と Foreign Keyを宣言)。全件INSERT後、SELECT *を実行することにより全要素を表示してください

```
create table department(departmentID int not null primary key,name varchar(255))ENGINE=InnoDB;
insert into department(departmentID,name)
values
(1,'A部門'),(2,'B部門'),(3,'C部門');

create table station(stationID int not null primary key,name varchar(255))ENGINE=InnoDB;
insert into station(stationID,name)
values
(1,'A部署'),(2,'B部署'),(3,'C部署'),(4,'D部署'),(5,'E部署');
```

```sql
create table user(userID int not null 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(userID,name,tell,age,birthday,departmentID,stationID)
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);

select* from user;
select* from department;
select* from station;
```

```
mysql> select*
    -> ;
ERROR 1096 (HY000): No tables used
mysql> select* user;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL
 server version for the right syntax to use near 'user' at line 1
mysql> select* from usermysql>
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> select* from department;
+--------------+--------+
| departmentID | name   |
+--------------+--------+
|            1 | A部門  |
|            2 | B部門  |
|            3 | C部門  |
+--------------+--------+
3 rows in set (0.00 sec)

mysql> select* from station;
+-----------+--------+
| stationID | name   |
+-----------+--------+
|         1 | A部署  |
|         2 | B部署  |
|         3 | C部署  |
|         4 | D部署  |
|         5 | E部署  |
+-----------+--------+
5 rows in set (0.00 sec)
```