

/課題9

- //参照先となる親テーブルを先に作成し、主キー設定しておく
- //一つ目の親テーブル作成
- create table department(departmentID int not null primary key,departmentName varchar(255));
- insert into department(departmentID,departmentName)
- values(1,'開発部');
- insert into department(departmentID,departmentName)
- values(2,'営業部');
- insert into department(departmentID,departmentName)
- values(3,'総務部');
- select * from department;

//二つ目の親テーブル作成

- //二つ目の親テーブル
- `create table station(stationID int not null primary key,stationName varchar(255),index(stationName)) ;`
- `insert into station(stationID,stationName)`
- `values(1,'九段下');`
- `insert into station(stationID,stationName)`
- `values(2,'永田町');`
- `insert into station(stationID,stationName)`
- `values(3,'渋谷');`
- `insert into station(stationID,stationName)`
- `values(4,'神保町');`
- `insert into station(stationID,stationName)`
- `values(5,'上井草');`

//子テーブル作成

- create table user(userID int,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));
- insert into user(userID,name,tell,age,birthday,departmentID,stationID)
- values(1,'田中 実','012-345-6789',30,'1994-02-01',3,1);
- insert into user(userID,name,tell,age,birthday,departmentID,stationID)
- values(2,'鈴木 茂','090-1122-3344',37,'1987-08-12',3,4);
- insert into user(userID,name,tell,age,birthday,departmentID,stationID)
- values(3,'鈴木 実','080-5566-7788',24,'2000-12-24',2,5);
- insert into user(userID,name,tell,age,birthday,departmentID,stationID)
- values(4,'佐藤 清','012-0987-6543',19,'2005-08-01',1,5);
- insert into user(userID,name,tell,age,birthday,departmentID,stationID)
- values(5,'高橋 清','090-9900-1234',24,'2000-12-24',3,5);

MariaDB [challenge_db]> select * from department;

departmentID	departmentName
1	開発部
2	営業部
3	総務部

3 rows in set (0.05 sec)

MariaDB [challenge_db]> select * from station;

stationID	stationName
5	上井草
1	九段下
2	永田町
3	渋谷
4	神保町

5 rows in set (0.09 sec)

MariaDB [challenge_db]> 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)