

```
-- phpMyAdmin SQL Dump
-- version 4.7.2
-- https://www.phpmyadmin.net/
--
-- Host: localhost
-- Generation Time: 2017 年 8 月 02 日 03:36
-- サーバのバージョン: 5.6.35
-- PHP Version: 7.1.6
```

```
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET time_zone = "+00:00";
```

```
--
-- Database: `Challenge_db`
--
```

```
-- -----
```

```
--
-- テーブルの構造 `department`
--
```

```
CREATE TABLE `department` (
  `departmentID` int(11) NOT NULL,
  `departmentName` varchar(255) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

```
--
-- テーブルのデータのダンプ `department`
--
```

```
INSERT INTO `department` (`departmentID`, `departmentName`) VALUES
(1, '開発部'),
(2, '営業部'),
(3, '総務部');
```

```
-- -----
```

```
--
-- テーブルの構造 `profiles`
--
```

```
CREATE TABLE `profiles` (
  `profilesID` int(11) NOT NULL,
  `name` varchar(255) NOT NULL,
  `tel` varchar(255) NOT NULL,
  `age` int(11) NOT NULL,
  `birthday` date NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

```
--
```

```
-- テーブルのデータのダンプ `profiles`
```

```
INSERT INTO `profiles` (`profilesID`, `name`, `tel`, `age`, `birthday`) VALUES
(1, '田中 実', '0123456789', 30, '1994-02-01'),
(2, '鈴木 茂', '09011223344', 37, '1987-08-12'),
(4, '佐藤 清', '01209876543', 19, '2005-08-01'),
(5, '高橋 清', '09099001234', 24, '2000-12-24');
```

```
--
-- テーブルの構造 `station`
```

```
CREATE TABLE `station` (
  `stationID` int(11) NOT NULL,
  `stationName` varchar(255) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

```
--
-- テーブルのデータのダンプ `station`
```

```
INSERT INTO `station` (`stationID`, `stationName`) VALUES
(1, '九段下'),
(2, '永田町'),
(3, '渋谷'),
(4, '神保町'),
(5, '上井草駅');
```

```
--
-- テーブルの構造 `user`
```

```
CREATE TABLE `user` (
  `userID` int(11) NOT NULL,
  `name` varchar(255) NOT NULL,
  `tel` varchar(255) NOT NULL,
  `age` int(11) NOT NULL,
  `birthday` date NOT NULL,
  `departmentID` int(11) NOT NULL,
  `stationID` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

-- テーブルのデータのダンプ `user`

--

INSERT INTO `user` (`userID`, `name`, `tel`, `age`, `birthday`, `departmentID`, `stationID`) VALUES

(1, '田中 実', '0123456789', 30, '1994-02-01', 3, 1),
(2, '鈴木 茂', '09011223344', 37, '1984-08-12', 3, 4),
(3, '鈴木 実', '08055667788', 24, '2000-12-24', 2, 5),
(4, '佐藤 清', '01209876543', 19, '2005-08-01', 1, 5),
(5, '高橋 清', '09099001234', 24, '2000-12-24', 3, 5);

--

-- Indexes for dumped tables

--

-- Indexes for table `department`
--

ALTER TABLE `department`
ADD PRIMARY KEY (`departmentID`);

--

-- Indexes for table `profiles`

--

ALTER TABLE `profiles`
ADD PRIMARY KEY (`profilesID`),
ADD UNIQUE KEY `profilesID` (`profilesID`);

--

-- Indexes for table `station`

--

ALTER TABLE `station`
ADD PRIMARY KEY (`stationID`);

--

-- Indexes for table `user`

--

ALTER TABLE `user`
ADD PRIMARY KEY (`userID`),
ADD KEY `departmentID` (`departmentID`),
ADD KEY `stationID` (`stationID`);

--

-- ダンプしたテーブルの制約

--

--

-- テーブルの制約 `user`

--

ALTER TABLE `user`
ADD CONSTRAINT `user_ibfk_1` FOREIGN KEY (`departmentID`) REFERENCES `department` (`departmentID`),
ADD CONSTRAINT `user_ibfk_2` FOREIGN KEY (`stationID`) REFERENCES `station` (`stationID`);

```
5 | 高橋 | 清 | 09099001234 | 24 | 2000-12-24 | 3 | 5 |
+-----+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> ALTER TABLE profiles ADD PRIMARY KEY(profilesID);
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc profiles;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| profilesID | int(11) | NO | PRI | NULL | |
| name | varchar(255) | NO | | NULL | |
| tel | varchar(255) | NO | | NULL | |
| age | int(11) | NO | | NULL | |
| birthday | date | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.01 sec)
```

```
mysql> SELECT * FROM user;
+-----+-----+-----+-----+-----+-----+-----+
| userID | name | tel | age | birthday | departmentID | stationID |
+-----+-----+-----+-----+-----+-----+-----+
| 1 | 田中 | 実 | 0123456789 | 30 | 1994-02-01 | 3 | 1 |
| 2 | 鈴木 | 茂 | 09011223344 | 37 | 1984-08-12 | 3 | 4 |
| 3 | 鈴木 | 実 | 08055667788 | 24 | 2000-12-24 | 2 | 5 |
| 4 | 佐藤 | 清 | 01209876543 | 19 | 2005-08-01 | 1 | 5 |
| 5 | 高橋 | 清 | 09099001234 | 24 | 2000-12-24 | 3 | 5 |
+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> SELECT * FROM department;
+-----+-----+
| departmentID | departmentName |
+-----+-----+
| 1 | 開発部 |
| 2 | 営業部 |
| 3 | 総務部 |
+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> SELECT * FROM station;
+-----+-----+
| stationID | stationName |
+-----+-----+
| 1 | 九段下 |
| 2 | 永田町 |
| 3 | 渋谷 |
| 4 | 神保町 |
| 5 | 上井草駅 |
+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql>
```