SQL Labs

Note:

You can use either this website to write your or download MySQL and connect that to a python program.

1. **Part I**

Now it's time to create SQL queries. In that task (and the several following it) you will be required to create the database **using only SQL queries**. Firstly, just **create new database named Minions.**

2. **Part II**

In the newly created database Minions add table **Minions (Id, Name, Age)**. Then add new table **Towns (Id, Name).** Set **Id** columns of both tables to be **primary key** as **constraint**.

3. **Part III**

Change the structure of the Minions table to have **new column TownId** that would be of the same type as the **Id** column of **Towns table**. Add **new constraint** that makes **TownId foreign key** and references to **Id** column of **Towns** table.

4.

Using **SQL queries** create **Movies** database with the following entities:

- **Directors** (Id, DirectorName, Notes)
- **Genres** (Id, GenreName, Notes)
- **Categories** (Id, CategoryName, Notes)
- **Movies** (Id, Title, DirectorId, CopyrightYear, Length, GenreId, CategoryId, Rating, Notes)

Set most **appropriate data types** for each column. **Set primary key** to each table. Populate each table with exactly **5 records**. Make sure the columns that are present in 2 tables would be of the **same data type**. Consider which fields are always required and which are optional.