Using MySQL

This article explains our first iteration of MySQL. There are different versions of MySQL, including the “improved version” MySQLi. Check the documentation for your specific version.

# run the MySQL interactive shell

$ mysql

# if this does not load (something about password = no) try

$ sudo mysql

# this puts you in a super user mode… needed if you are using Paiza.cloud

Selecting your database

# You can have many databases in MySQL, and each DB can have multiple tables.

mysql> use mysql;

mysql> show tables;

Creating a table in your database

Enter the command that follows to create a table in your database. In this table the user ID number of a user serves as the primary key. Each model ID number is correlated with its first and last name.

mysql> CREATE TABLE names (

-> user\_id INT UNSIGNED NOT NULL AUTO\_INCREMENT,

-> firstName VARCHAR(128),

-> lastName VARCHAR(128),

-> PRIMARY KEY (user\_id));

You now perform your first query of the database. As you saw in the last activity, a query is used to extract data or rows from a database. Type SELECT \* FROM names;. The \* in the command is a wildcard and, as in a Google search query, means to match any string. What does MySQL display?

Adding data to your table

mysql> insert into names(firstName, lastName) values ('Gene', 'Haynes');