

# Getting started with MySQL Workbench

## MySQL Workbench Installation

### Installing the Software (For Mac)

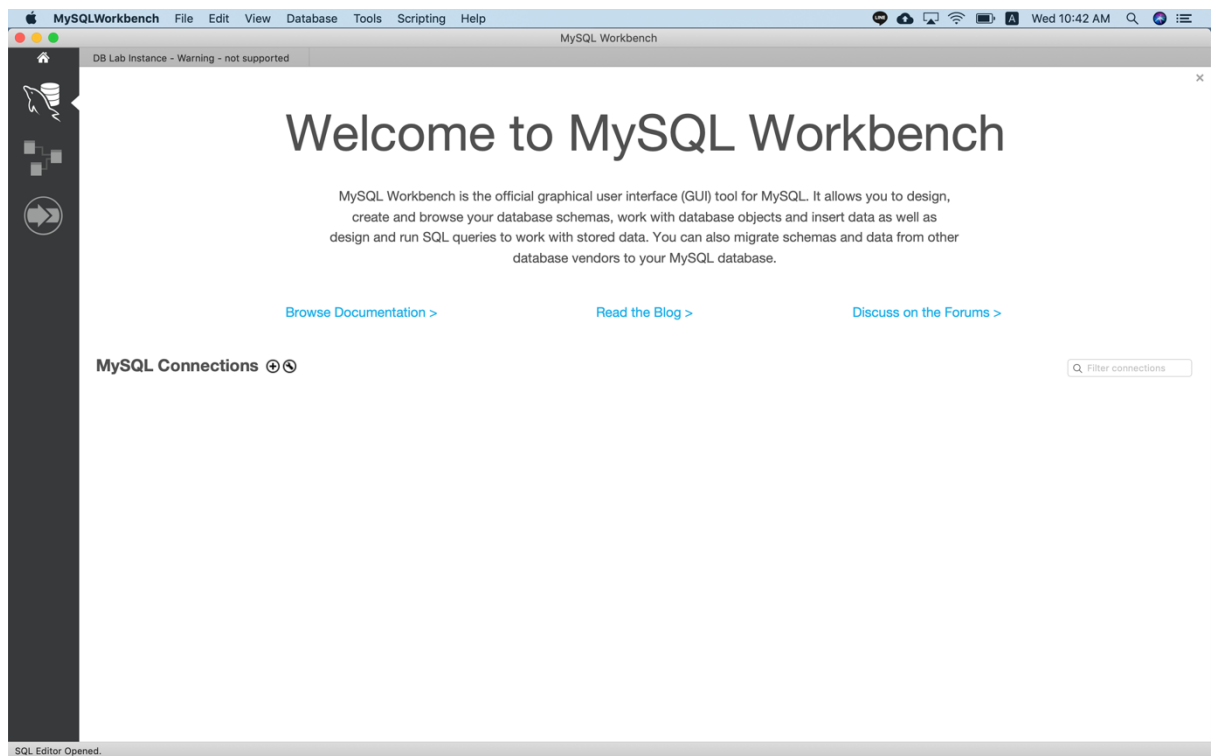
1. Download and install MySQL from <https://dev.mysql.com/doc/mysql-osx-excerpt/8.0/en/osx-installation-pkg.html>
2. Download **MySQL Workbench** from <https://www.mysql.com/products/workbench/>
3. Click at “Download Now” button to enter the download page, Scroll down to the section for General Available (GA) Releases.
4. Choose the installer that is compatible with your operating system, then download and install.

### Installing the Software (For Windows)

1. Download and install MySQL Workbench and its environment from <https://dev.mysql.com/downloads/installer/>
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## Establishing MySQL Connection

1. When starting MySQL Workbench software, it will be displayed as the picture below.



2. Establishing the connection by clicking on the plus icon next to **MySQL Connections** title.

3. There will be a dialog box named **Setup New Connection** as shown,

Setup New Connection

Connection Name:  Type a name for the connection

Connection Method:  Method to use to connect to the RDBMS

**Parameters** SSL Advanced

Hostname:  Port:  Name or IP address of the server host - and TCP/IP port.

Username:  Name of the user to connect with.

Password:  Store in Keychain ... Clear The user's password. Will be requested later if it's not set.

Default Schema:  The schema to use as default schema. Leave blank to select it later.

Configure Server Management... Test Connection Cancel OK

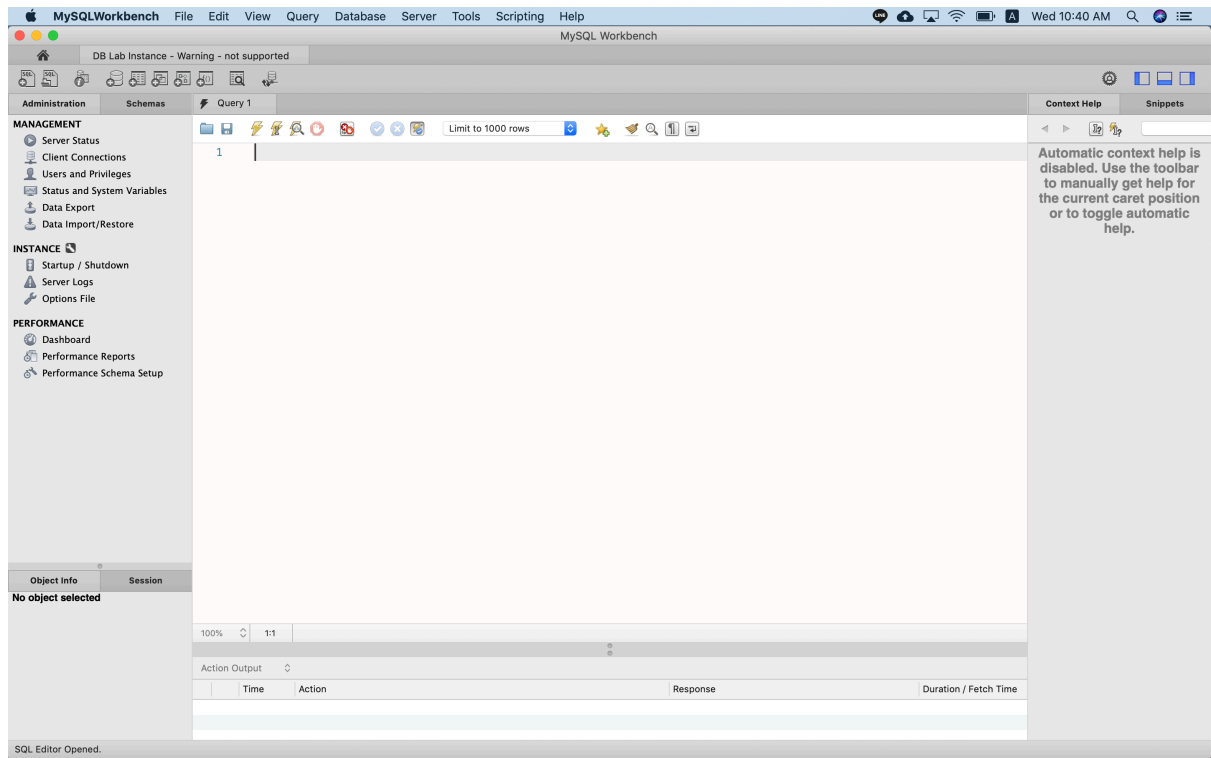
the following steps should be done

- Set the Connection Name
- Click “Test Connection” button to test the connection,
  - If the connection is successfully connected, there will be a message “**Successfully made the MySQL connection**”.



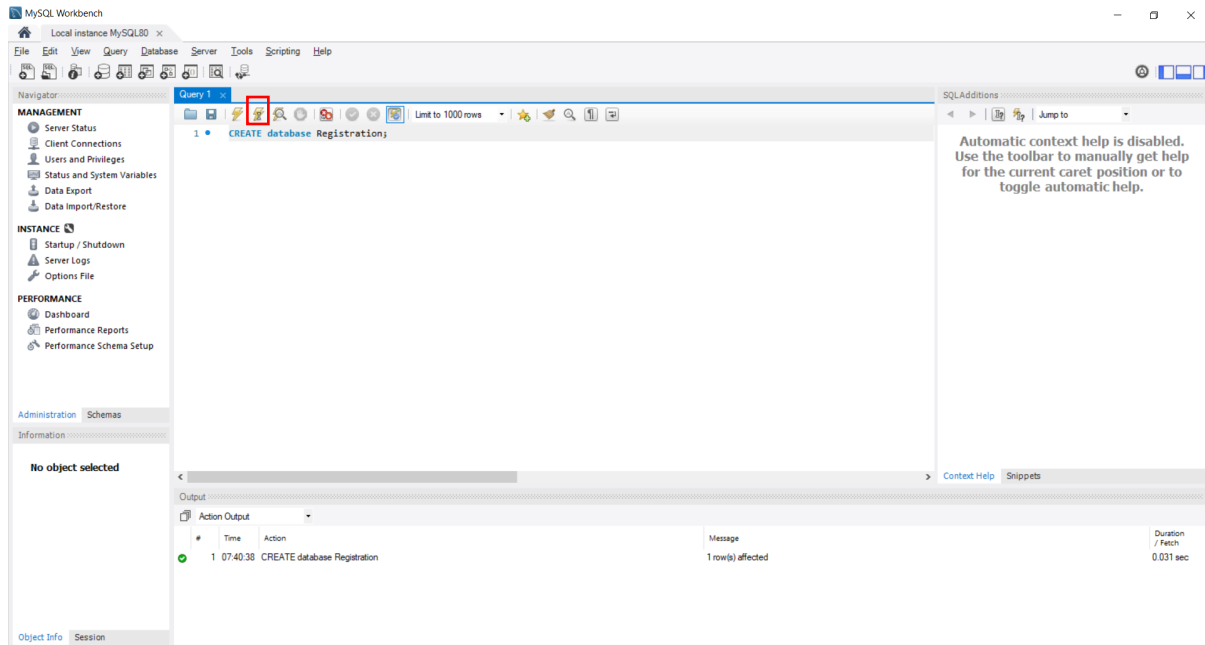
- If it failed to connect, go back and click on “Configure Server Management...” button to fix the issues.

- Click OK.
- The new screen will be loaded, and you are now ready to create your own database and queries.

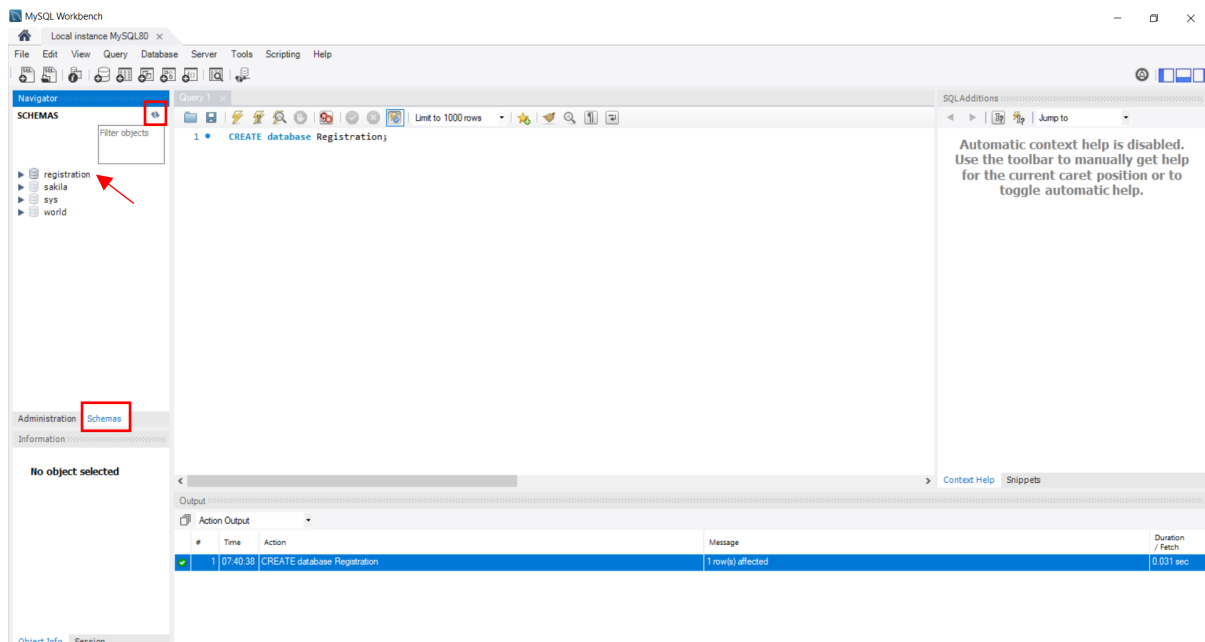


## Getting started

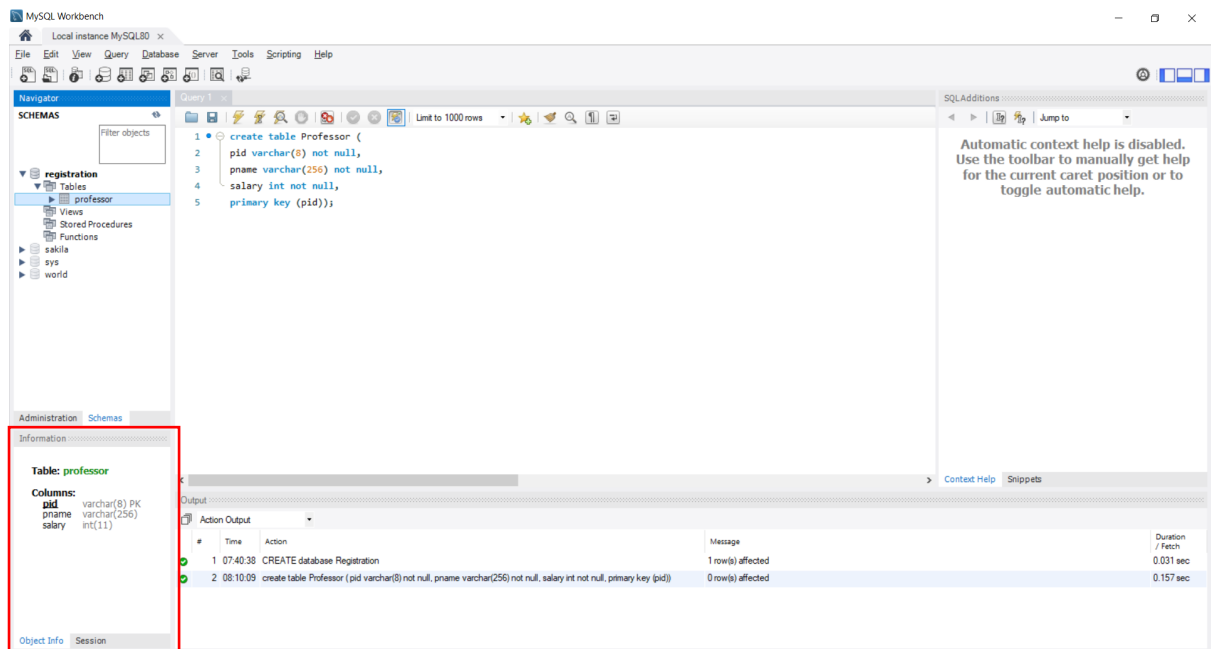
1. Type the following SQL command, and click “Execute” button to execute the command.



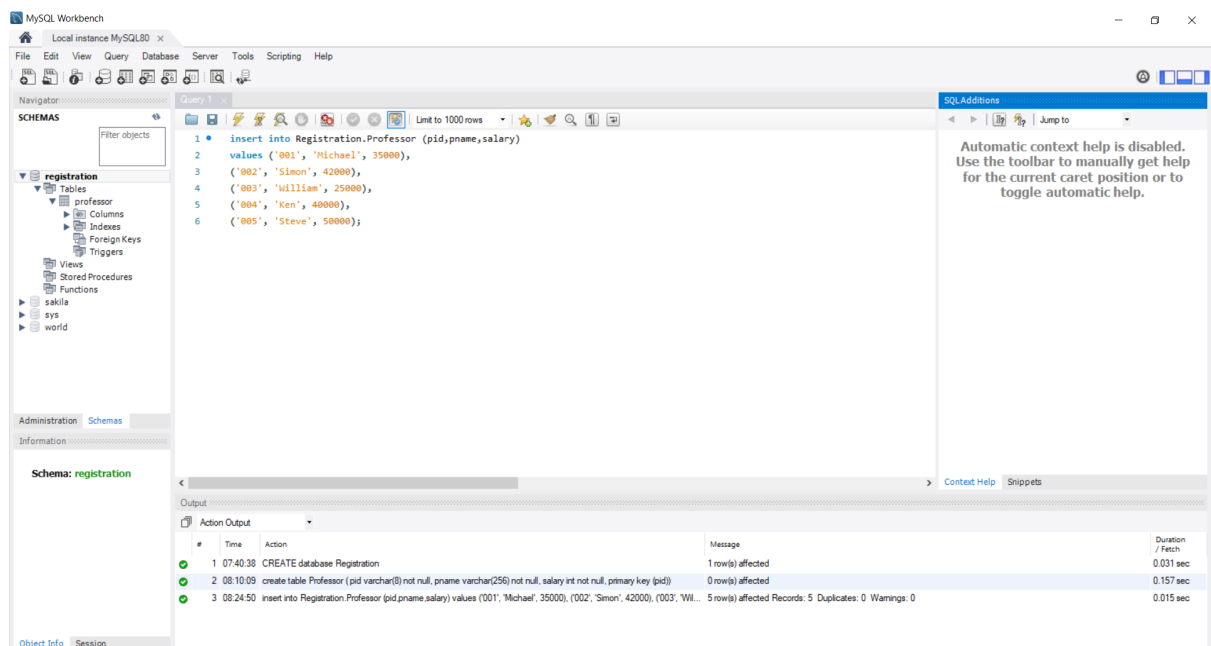
2. Press “Schemas” tab on the left side to select the new created database as default schema. If the new database does not exist, press the “refresh” button.
  - a. To select Registration database as a default schema press right click and “Set as default Schema”.



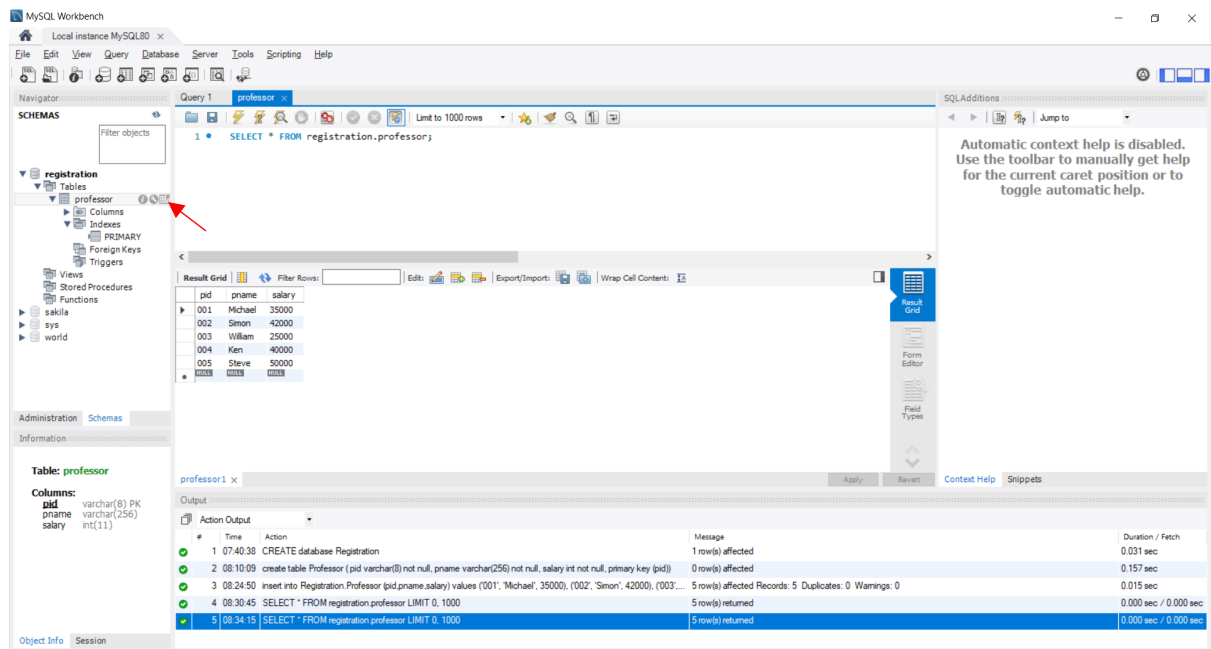
3. Execute the following SQL command to create the “Professor” table. If creation is successful, the information of the created table will be shown.



4. Populating the added table with new data by following command.



5. To view the table contents, press the icon as shown in the following picture and the results will be shown.



## Your tasks

1. Add your own information with pid = 006, pname = your name, salary = 27000 to the table.
2. Submit your screenshot of the table contents through myCourseville.