

Download Visual Studio Code and the recommended Extensions using the guides below.

Download link: <https://code.visualstudio.com/download>

Setting up Visual Studio Code: <https://code.visualstudio.com/docs/setup/setup-overview>

1. Select the appropriate operating system (Windows, macOS, or Linux)
2. Run the download .exe file
3. Select "Next" to continue with the setup
4. Review the License Agreement and choose "I accept the agreement" and select "Next". Take note of the installation folder (leave the default path) and select "Next". In the "Select Start Menu Folder" window, allow the setup wizard to add a shortcut to your "Start Menu" and select "Next"
5. In the "Select Additional Tasks" choose "Create a desktop icon" and "Add to PATH (available after restart)" and select "Next"
6. Select "Install"
7. Select "Finish" once the installation has completed
8. Launch VS Code
9. Pin to task bar (recommended)

#### VS Code: Extensions Guide

1. Open VS Code
2. In the left-hand menu pane select the "Extensions" tab
3. Under the "Search Extensions in Marketplace" enter the name of the extension
4. In the main window select "Install" and "reload," if requested

Listed below are the extensions I recommend for an optimal experience.

1. Beautify
2. Code Spell Checker
3. HTML CSS Support (we will use this extension in a later course)
4. IntelliSense for CSS class names in HTML (we will use this extension in a later course)
5. Material Icon Theme
6. Open in a browser (we will use this extension in a later course)
7. Python
8. TODO Highlight
9. MySQL by Jun Han

VS Code to MySQL Link.

#### **Connecting VS Code to MySQL**

- In the left-hand menu pane, expand "MySQL" and click on the + sign.
  - If you do not see MySQL, press Ctrl + Shift + P and enter "MySQL."

- There should be an option for “Explorer: Focus on MySQL View.”
- Input field is at top of window. For host enter: **localhost**
- For user enter: **root**
- For password enter the root password you selected for MySQL.
- Press “Enter” through the remaining options.
- If successful, you should see a new entry named **localhost**.
- Expanding localhost (click on small right arrow next to localhost) should show the movies database.

Note: if you receive a connection error you will need to run this command in the MySQL terminal (make sure MySQL is running before you execute this command).

- **ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql\_native\_password BY 'YourRootPassword';** Once you've done that, go back to VS Code, right click on localhost at the bottom left and select 'refresh'.