



Command Line Shell and VS Code Set Up Troubleshooting Guide

Terminal Setup

Configuring the terminal

Mac OS: Open spotlight (search bar) Cmd + space Open terminal Cmd + space to open spotlight Type "terminal" in search bar Press Enter Update ZSH Copy/Paste the command to upgrade: `chsh -s /bin/zsh` into the terminal window & press Enter	Windows: Download and install Git Bash <ul style="list-style-type: none">Go to git-scm.com (Links to an external site.) & select "Download for Windows"Install the downloadOpen Git BashConfirm functionality by entering <code><pwd></code> If you see a printout in <code>/c/users/yourusername;</code> you are good to go
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Common terminal commands

<code>pwd</code>	Print working directory - Prints out where you are in your file tree.
<code>ls</code>	List items - Lists all the items stored in whatever directory you are in
<code>cd <directory></code>	Change directory - Changes you to whichever directory you specify ie: <code>cd Desktop</code> - moves you to the desktop
<code>mkdir <directory name></code>	Makes a new directory named the specified directory name
<code>rmdir <directory name></code>	Removes the specified directory
<code>touch filename.extension</code>	Makes a new file

Command Line Text Editors

There are some built-in text-editors via the command line. Two common ones are **nano** and **Vim**. Some developers enjoy using them because they are free, always accessible on every computer, and use a very small amount of a computer system's resources.

Don't worry about learning them right now, they are beyond the scope of this course. The learning curve for using them is high, so we recommend not writing a code on them as you are still learning, but they are fun to use down the line and good to flex on your friends with.

To open **nano**, in your terminal window, run:

```
`nano`
```

To open a file with nano, in your terminal widow, run:

```
`nano filename.extension`
```

To open **Vim**, in your terminal window, run:

```
`vim`
```

Similarly, to open a file with Vim, run:

```
`vim filename.extension`
```

Customizing the terminal

On Mac, you can change the terminal's font, color, etc by going to Settings -> Preferences. Make your changes, and simply close the customizer window to save.

On Windows, navigate to Settings, where you can make changes directly into the json file. For instructions on how to customize a json file, select this link [here \(Links to an external site.\)](#).

VS Code Setup

1. Download VS Code

- Download and install the latest version for your system from <https://code.visualstudio.com/> (Links to an external site.)

2. Download the Extensions: Material Icon and Prettier

- Open VS Code
- Select the “Extensions” icon on the left (several squares stacked on top of each other).
- Type these needed extensions into search field and install them
 - Material Icon
 - Prettier

3. Customizing VS Code

- To change the color theme and further customize VS Code, navigate to Preferences -> Color Themes.