LAWW setup guide

To take part in the Learning at Work Week coding course, you will need to install the following software onto your personal device:

- Terminal (Git Bash)
- Node 18+
- VS Code
- Git (optional)
- Chrome (preferred)

This software should be installed before the start of the course to allow you to have the best possible experience whilst completing this course. This guide will cover the steps for how to install the software for Windows and Mac users.

Windows

Terminal

- `Command prompt` is the default terminal application on Windows
- For this project, we will use `Git Bash` as it has more features than `command prompt` and uses the same commands as Mac and Linux terminals
- To install `Git Bash`, follow https://git-scm.com/download/win and download the correct version for your PC (most likely the `32-bit Git for Windows setup`)
- **Note:** You may see a warning that the 32 bit warning is reaching end of life - ignore this and carry on
- When you install, on the screen titled **Choosing the default editor used by Git** select **Use VIM editor by default** (this may be the default option)
- On all other screens, continue with the default options

Node

- Visit https://nodejs.org/en/download
- Click the `Windows installer` icon
- Follow the setup instructions with all default options
- Once installed, open `Git Bash` and type `node --version` and press enter
- The terminal should print a number like `v18.16.0` if Node was installed correctly

VSCode

- Visit https://code.visualstudio.com/download
- Click the `Windows` icon to download the installer
- Click the new VSCode icon in `Downloads` to open the installer setup
- Follow the instructions in the installer and keeping all settings default
- Select `Create a desktop icon` and `Add to PATH` on the `additional tasks` menu
- Once the setup is finished, VSCode should be present on the Desktop
- Helpful video: https://www.youtube.com/watch?v=JPZsB_6yHVo

Git (optional)

- If you installed `Git Bash` in the previous step, your machine will now have git installed
- To confirm, open `Git Bash` and type `git --version` and press enter
  - If installed correctly, this should print something like `git version 2.39.2`

Mac

Terminal

- All Macs come with a terminal
- Access the terminal by pressing `Cmd + Space` and typing `terminal`, or from the Application directory

Node

- Visit https://nodejs.org/en
- Install `18.16.0 LTS` (recommended for most users)

- Run the installer with all the default options
- Once installed, open a terminal window and type `node --version` and press enter
- The terminal should print a number like `v18.16.0` if Node was installed correctly

VSCode

- Visit https://code.visualstudio.com/docs/setup/mac and click `Download VSCode for Mac`
- Unzip the file, which should give you a `Visual Studio Code` application
- Drag this application file into your `Applications` directory (find this in `Finder`)
- VSCode should now be available in Launchpad

- Click the `Visual Studio Code` icon and the application should open a new window
- Useful video if you get stuck: https://www.youtube.com/watch?v=2RoWZXcbPjw

Git (optional)

- Macs generally come with git installed
- To check this, open a terminal and type `git --version` and check that it outputs a number
- If it does not, it should prompt you with some instructions - follow these to install git

Linux

Instructions available on request.

ChromeOS

Instructions available on request.