# **Mbooi Lutholwethu SE-Assignment 5**

1. Downloading VS Code Editor Steps:

* Download the installer at code.visualstudio.com,
* Run the installer in your machine, then
* install by reading and accepting license agreements and choosing the location.
* The Prerequisites are Windows 11 OS, Administrator privileges to install software.

1. First-time Setup:   
   Set the Theme of your preferences by navigating to ‘File>Preference>Color Theme’, Install the Extensions from the Extension view, Workspace Setup.
2. User Interface Overview:   
   Activity Bar located at the far left of the interface, Side Bar displays the content selected on the Activity Bar, Editor Group the area where you edit your project, Status Bar to show the information about the current workspace.
3. The Command Palette is a powerful tool in VS Code that allows you to execute various commands and perform tasks. Access it by pressing ‘F1’. Common tasks: Open a File, Install Extension, Run a command.
4. Extensions add functionality to VS Code, enhancing its capabilities for various languages, frameworks, and tools. You find extensions by pressing ‘Ctrl+Shift+X’ then Search for the one you want to install and click Install. You can view all the Installed Extensions at the Extension bar. Extensions for Web Dev: Live Server which Launches a local development server with live reload, Prettier for Automatic Code Formatting.
5. The terminal opens at the bottom of the window, providing a command-line interface. To open the terminal you go to ‘View> Terminal’. Advantages of Using a terminal are: The terminal opens in the context of the current workspace, Open multiple terminal instances and switch between them.
6. To create a new file or folder you right click on the Explorer View then select ‘New File’ or ‘New Folder’, and to use it you click on it on the Explorer View it will open on the editor. Use the Explorer view to switch between files.
7. To access Setting press ‘Ctrl+,’, then search for the setting you want to customize.  
   Changing theme: File>Preference>color Theme  
   Changing Font Size: search for ‘editor.fontsize’ in the settings  
   Changing key bindings: Go to ‘File > Preferences > Keyboard Shortcuts’
8. Click on the Run and Debug icon in the Activity Bar, Choose the environment that matches your application, Use the debugging toolbar to control the execution.  
   Key debugging Features: Breakpoints, Call Stack, Debug Console.
9. To initialize a repository press ‘Ctrl+Shift+G’.   
   To make Commits click the plus icon next to changed files.  
   Use the Source Control view to push changes by clicking the ellipsis and selecting Push.