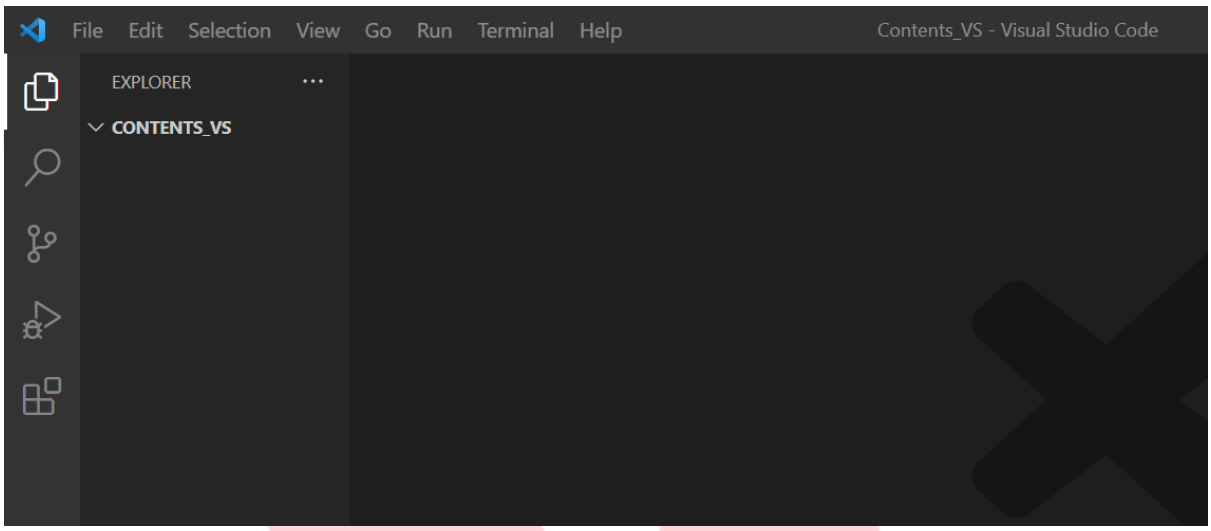
Visual Studio Code: Overview

Explorer

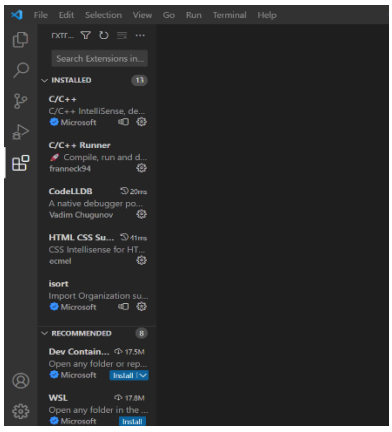
The **Explorer** can be used to browse, open and manage all the files and folders we want to use in our application. We can access Explorer by clicking on the Explorer icon on the left-hand side of the editor or by pressing **Ctrl+Shift+E** on Windows or **Cmd+Shift+E** on macOS. After opening a folder in Visual Studio Code, the folder's contents are displayed in the "**Explorer**."



Extensions

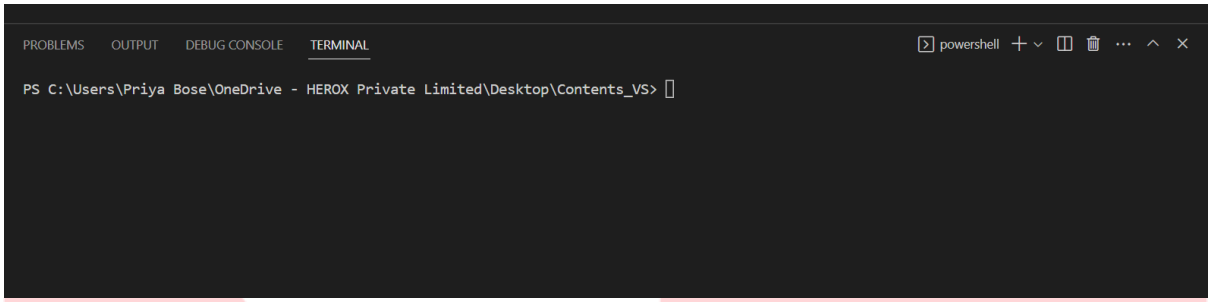
We can browser and install extensions per our requirements from the "**extensions**" section of the **Visual Studio Code**. Users can **customize and enhance** the editor with additional features and capabilities.

To access extensions in Visual Studio Code, we can use the **Extensions icon** in the **Activity Bar** on the side of the editor or press **Ctrl+Shift+X** on Windows or **Cmd+Shift+X** on macOS. This will open the Extensions view, where you can search for, install, and manage extensions. We can install extensions like Prettier, Live Server, Python, Pylance, and many more.

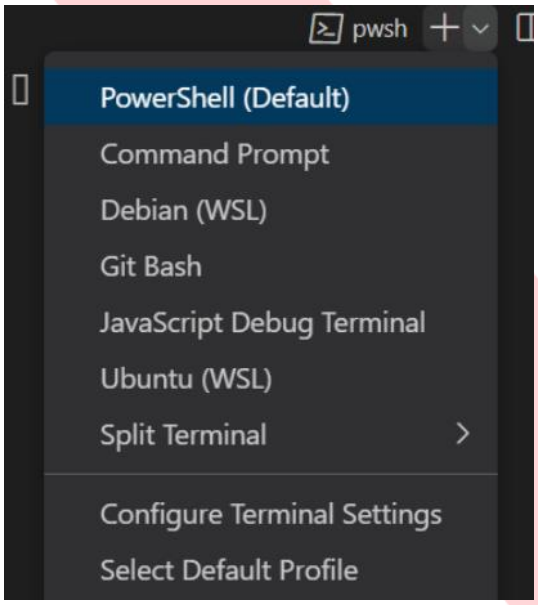


Integrated Terminal

Integrated Terminal allows us to **run a terminal directly** within the editor. We can access it from the "**Terminal**" option at the top of the Visual Studio Code and then select the "**New Terminal**" option.

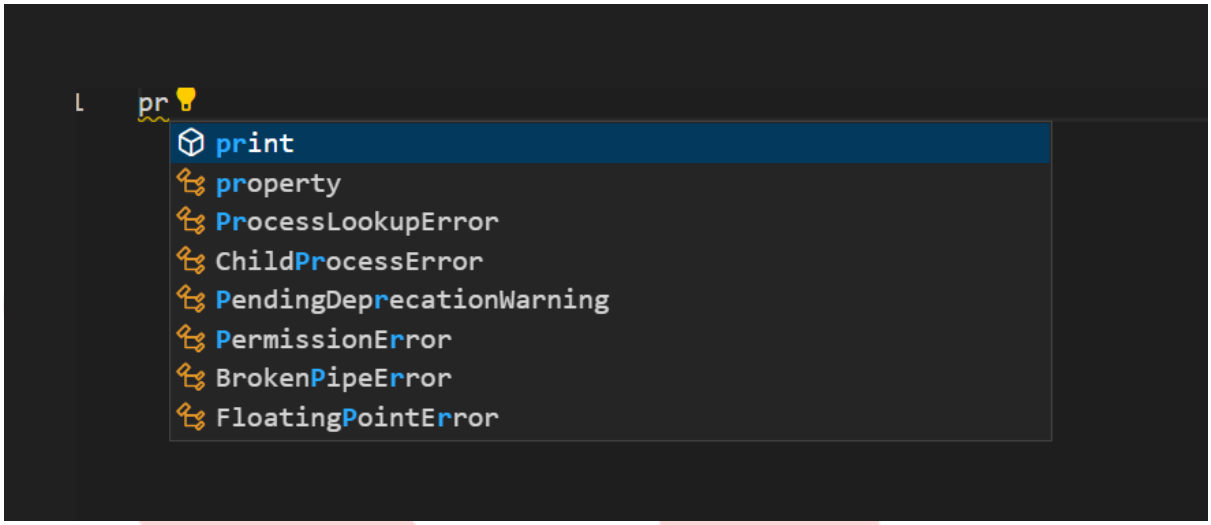


We have different terminal shells like - Powershell, Command Prompt, etc.



IntelliSense

This provides **code suggestions** and completions as you type, making it easier and faster to write code. IntelliSense **analyzes our code** and provides context-aware suggestions for functions, classes, properties, and more.

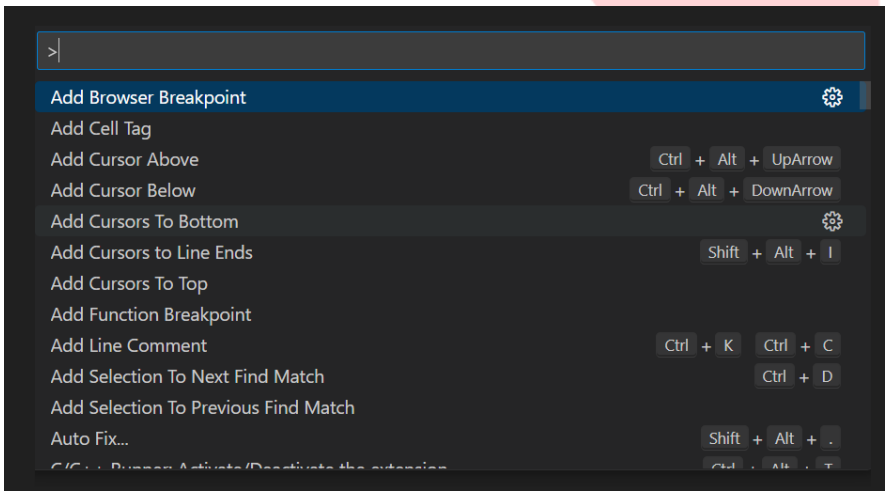


IntelliSense in Visual Studio Code supports many programming languages, including **JavaScript, TypeScript, Python, C#**, and more. To enable IntelliSense, we need to install a language extension for the specific language we are working with. We can install different extensions for the same.

Command Palette

Command Palette allows us **to access and execute all available commands** within the editor. We can open the Command Palette by pressing **Ctrl+Shift+P** on Windows or **Cmd+Shift+P** on macOS.

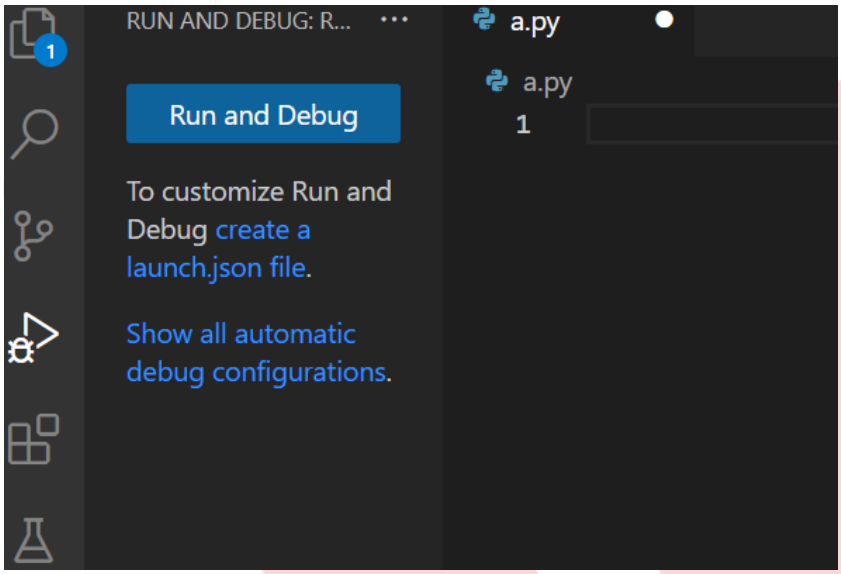
Once we open the Command Palette, we can type in a command or a keyword to search for available commands. We can also browse a **list of all available commands** and select the one we want to execute.



Debugging

This allows us to **find and fix issues** in our code. It provides a suite of tools and features that can help us identify and resolve bugs, errors, and other issues.

We can start a debugging session by clicking on the **Debug icon** in the **Activity Bar** on the side of the editor, or by pressing **Ctrl+Shift+D** on Windows or **Cmd+Shift+D** on macOS. This will open the Debug panel, where we can see information about our debug session.



Multiple Selection

VS Code supports multiple cursors for **fast simultaneous edits**. To select multiple lines of code in VS Code, we can use the keyboard shortcut - **Ctrl+Alt+Down** for the below or **Ctrl+Alt+Up** for the above.