

# Visual Studio Code

## Topics introduced:

1. What is a text editor?
2. What is Visual Studio Code?
3. Installing Visual Studio Code.
4. Installing extensions in Visual Studio Code.
5. Creating file in VS code.

## 1. Text Editor:

- A text editor is a program that allows you to open, view, and edit plain text files.
- a text editor provides an "empty" display screen (or "scrollable page") with a fixed-line length and visible line numbers. You can then fill the lines in with text, line by line.
- Example: **Notepad** is a very basic text editor with minimal features and low capabilities.

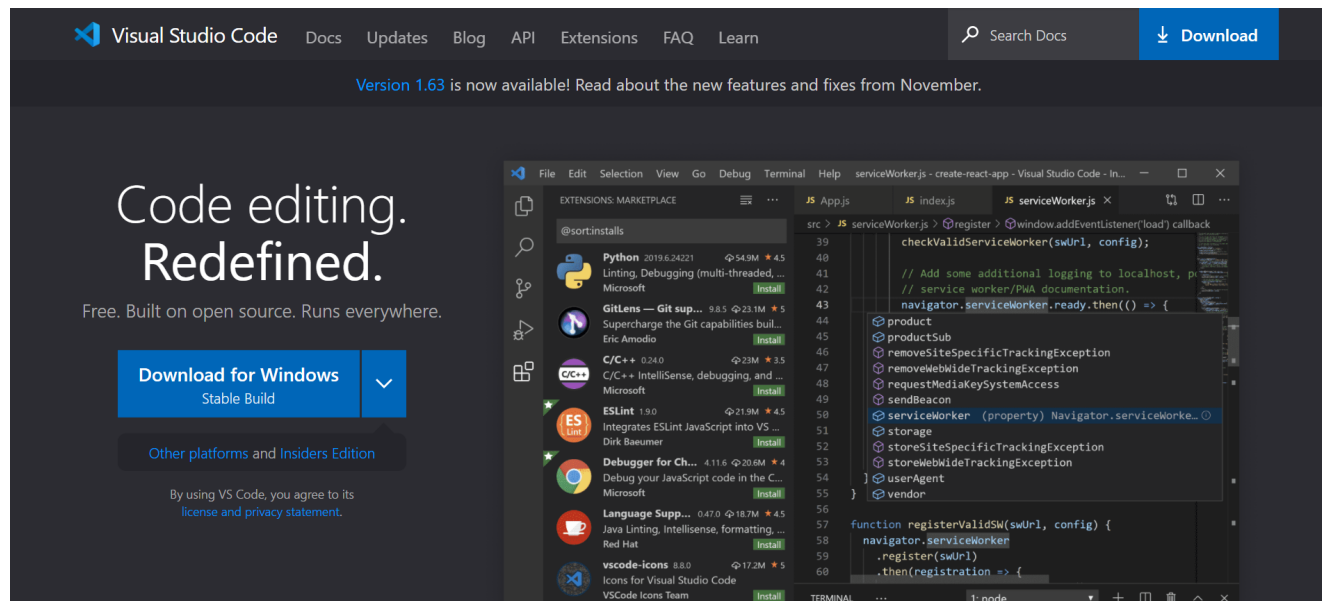
## 2. Visual Studio Code:

The Visual Studio code is more than a text editor. The features of Visual Studio code are as follows:

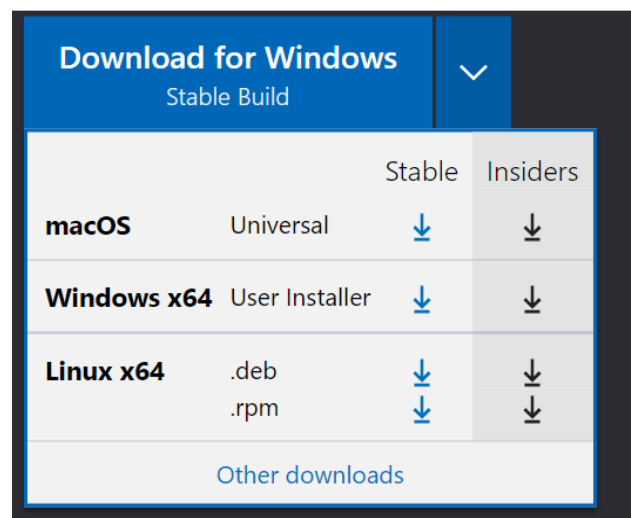
- **Lightweight** but powerful source code editor.
- Runs on desktop and is available for **Windows, macOS and Linux**.
- Comes with built-in support for JavaScript, TypeScript and Node.js.
- Has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go) and runtimes (such as .NET and Unity).
- Combines the simplicity of a source code editor with powerful developer tooling, like IntelliSense code completion and debugging.
- Combines the best of web, native, and language-specific technologies.

### 3. Installing Visual Studio Code:

- Visual studio code can be downloaded using the official [Link](#).



- Depending on the OS VS code can be downloaded.



- The frequently asked questions while installing VS code and their solutions can be seen in the official [link](#) of VS code. Some among them are:
  - What if the firewall blocks my installation?
    - Click on System and Security.
    - Click on Windows Defender Firewall.
    - From the left pane click on "Allow an app or feature through Window Defender Firewall".
  - How to find the version of VS Code?
    - You can find the VS Code version information in the About dialog box.
    - On macOS, go to Code > About Visual Studio Code.
    - On Windows and Linux, go to Help > About.

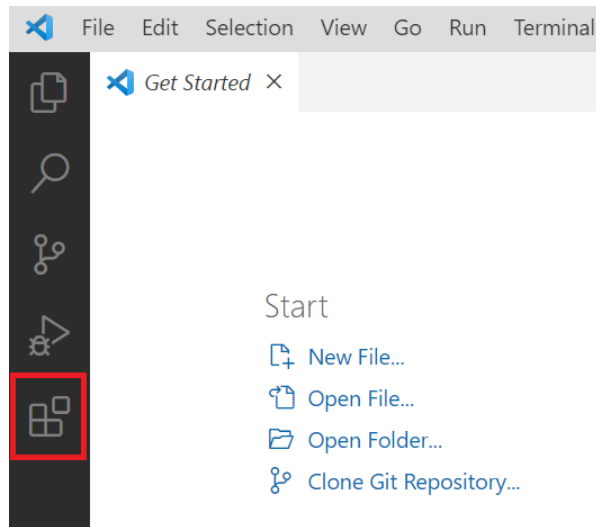
#### 4. Installing extension in VS code:

##### Reason for having extension:

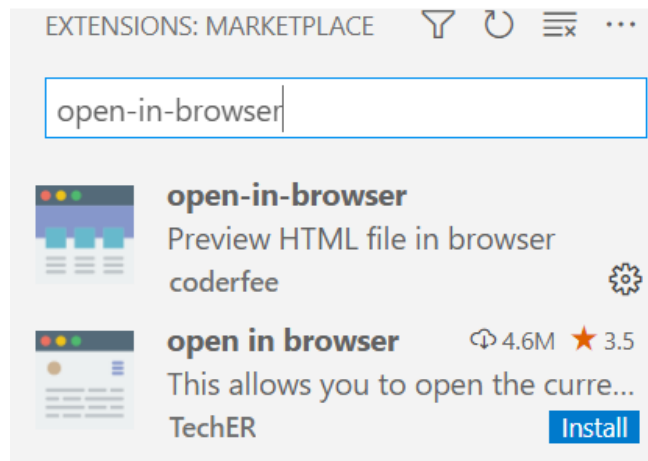
- Each time for opening the HTML files in the browser we need to go to the >> file location >> do right click >> open the file with >> default browser.
- Which is a really time consuming and long process. To make it short we are downloading extensions in the VS code to open the HTML files in the default browser directly.

Steps to Download and install extensions are as follows:

- Open the Visual studio code for installing extensions that will help to open the web pages directly on the browser.
- To download and install extensions click on the extension icon in the left pane.



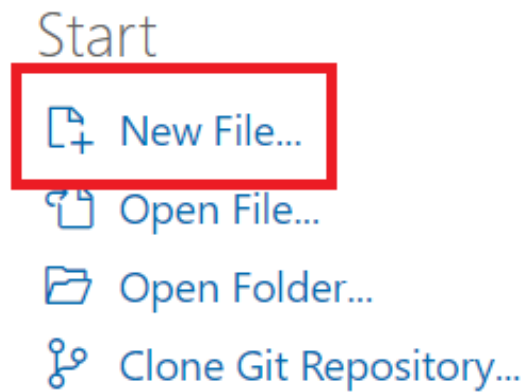
- Open-in-browser is the extension that needs to be installed.



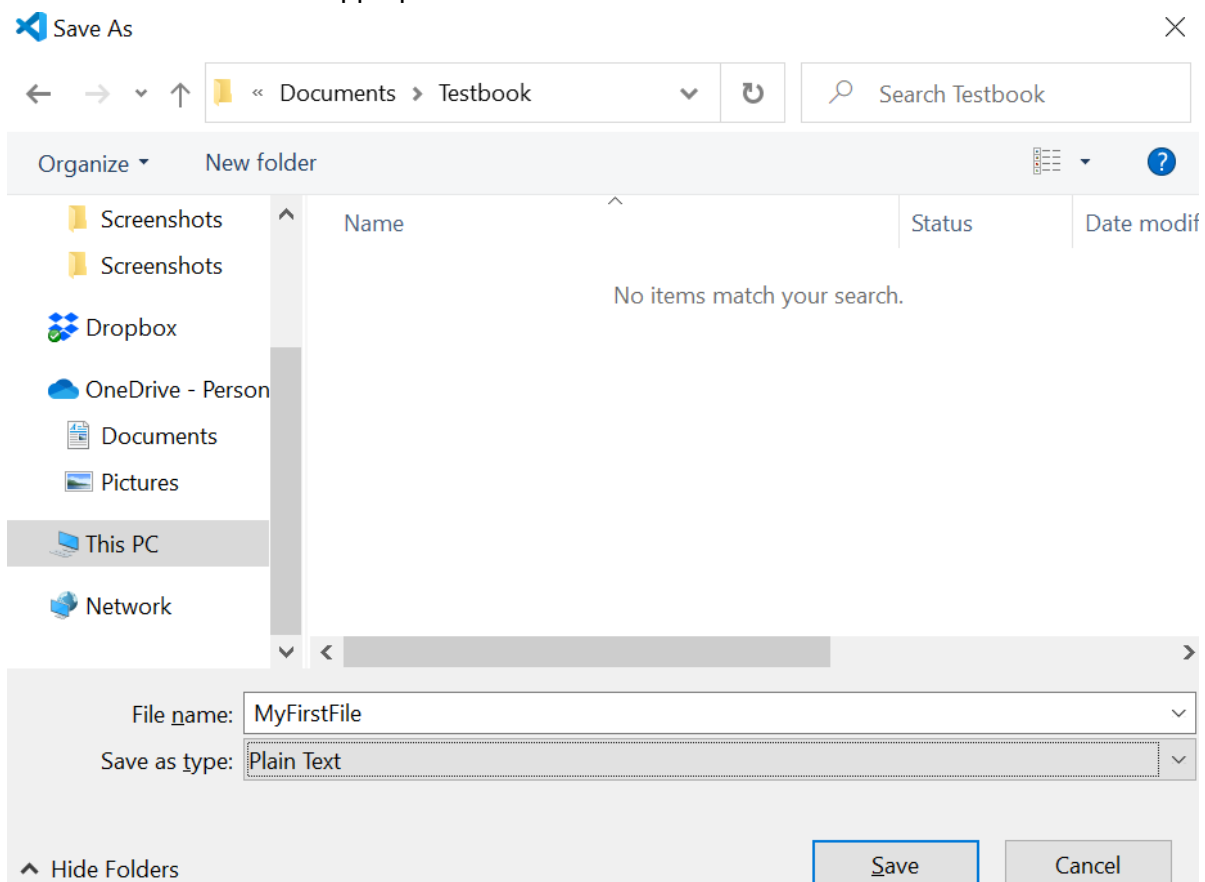
## 5. Creating new file in VS code:

To create a webpage, follow these steps:

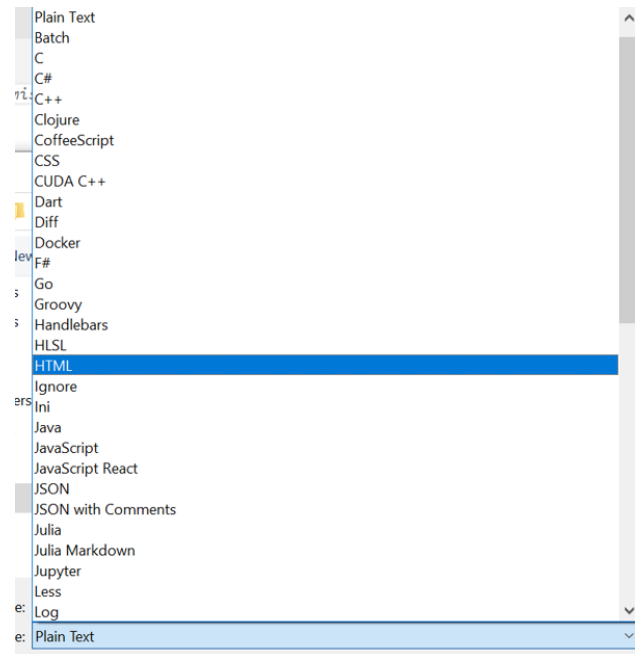
- Select New File...



- Save the file in the appropriate folder/ create the folder.



- Choose the file type while saving.



- The file in the VS Code appears with file extension after saving.

