(WEB DEVELOPMENT)

JAVASCRIPT   (CLASS-2)

SETUP INSTALATION:

(Installing NODE.js and VS Code)

⊙ INSTALLING VS Code

STEP-1: Download Vs Code software from its official site
       i.e. from " code.visual studio.com/download "
       └─→ ⊙ from here, you can choose various options
            as per your machine's configuration.
            (i.e. for WINDOWS, MACOS and LINUX)
       ──→ ⊙ Size of the file is allround 75 Mbs (in WINDOWS).

STEP-2: open that vscode file (after download), then
        accept the liscence and then click NEXT (few times)
        and VS code gets installed.

⊙ CONFIGURING Vscode

STEP-1: Create a folder on your destktop and name it what ever you

want. Now, open VScode; Goto files; then; open folders; Select your folder which you want to open. Your folder is now open. You can work now in this particular folder.

⊙ INSTALLING NODE.JS

STEP 1: Download NODE.JS from its official site i.e. from " nodejs.org/en/download/ ".

⌐→ ⊙ from here, you can choose from various options as per your machine's configuration. (i.e for WINDOWS, MACOS and LINUX)

⟶ ⊙ Size of the file is around 29 Mbs (for WINDOWS)

⟶ FOR LINUX PLEASE WATCH THE (VIDEO RECORING)

STEP 2: Open that node.js file (after download), then accept the liscence, and then click NEXT (few times) and NODE.js get installed.

STEP 3: To check that node.js is installed. What we need to do is, basically:

① Open cmd (command line)

⊙ Type: Node --version   (node hypen hypen version *)

⊙ If your machine display any version more than 10.0.0, you are good to go. (latest version till now is v14.7.6.

⊙ YOUR NODE.JS IS INSTALLED

Familiar with VsCode (SHORTCUTS FOR VSCODE)
(General)

- 🗋 ⟶ New file
- 🗀 ⟶ New folder

- Go to files ⟶ Click on AutoSave (to automatically save your work).

- To open any file in the terminal, just go to that file, right click on that file and select " open ___ in integrated terminal". (HOW TO OPEN TERMINAL FOR A PARTICULAR FILE)

- Now, when terminal gets open you can run the file by typing : node filename,

* (Here, also you can check the version of node that is installed

on your machine) ◉ for shortcuts (Keyboard shortcuts) go to setting button (bottom left corner), then click on Keyboard shortcuts. You can see various shortcuts there.

- tab ⟶ terminal auto complete
- Open/close terminal ⟶ [ctrl + `]          * (` ⟶ Backtick)*
- for multiple views
  - ⟶ side bar ⟶ open close ⟶ [ctrl + b]

*
(SPLIT MODE)
* ◉ To split a file from multiple files, open the file you want to split and then click '▭' present on the top right corner.

- copy rapidly ⟶ [Shift + alt + down]
  [esc] button to exit that.

- Press [alt] while clicking to have multiple cursor support. (press [esc] to move out)

⊙ to move bunch of statement up and down all togetherly, just select that statements and then press [alt + up/down arrows.]

● To search for any file present in the folder you are working, press [ctrl + p.]

⊙ To split horizontally, press [alt] and then Split button ([⊡]) to present on the top right corner.

[EXTENSION IN VSCode] [open setting icon (bottom left corner) then, click extensions]

NOTE: [Vscode is actually equal to a Web Browser]

eg: (These are examples) 22
→ Bracket pair colourizer (to provide colours to brackets)
→ Live Server (to run a live server)

Here, in the extensions, just select what extension you want to install in the vscode and after that just click on the [install] button. Your extension gets installed.