Week 1. Basic computer skills week - Todo list

Step 1: Learning the theory part (Watch the lecture videos and read the notes)

Basic computer skills

1.1 : Understanding your operating system
- Watch the video
- Read the corresponding note section
- Hands on computer:
    - Write some text on your Notepad, then use the common keyboard shortcuts (select all, copy, paste, cut, find, undo, redo, & save)
    - Install Google chrome, WhatsApp Desktop, and Zoom.

1.2 : Understanding folders, files and applications
- Watch the video
- Read the corresponding note section
- Hands on computer:
    - Create a folder called "Evangadi" on your Desktop. Inside the "Evangadi" folder, create another folder called "Phase-1". Inside the "Phase-1" folder, create a folder called "Basic Computer Skills".
    - Open your Desktop folder starting from the C drive, and copy your Evangadi folder.
    - Then open your Downloads folder starting from the C drive and paste the folder you copied.
    - Finally, navigate to your Downloads folder, open the Evangadi folder > Phase-1 folder > Basic Computer Skills folder, and inside there, create a file called "firstClass.txt".

1.3 : Compressing (zipping) and decompressing (unzipping)
- Watch the video
- Read the corresponding note section
- Hands on computer:
    - Navigate to the Downloads folder. Zip (compress) the Evangadi folder, move it to your documents folder and UnZip (decompress) it.

2.1 : Specializing on web related files as a web developer
- Watch the video
- Read the corresponding note section
- Hands on computer:
    - Download and Install VScode.

2.2 : Understanding Visual Studio Code (VSC)
- Watch the video
- Read the corresponding note section
- Hands on computer:
    - On VScode, open your "Phase-1" folder from the Desktop, which is located inside the Evangadi folder.
    - Create a folder called "html-practice", then inside it create a file called "my-first-code.html" and write the text "Hello World" on it.
    - Install the following VScode extensions:
        - Open in browser (TechER)
        - Material icon theme (Philipp Kief)
        - Prettier - Code Formatter (Prettier)
        - Auto rename tag (Jun Han)
        - Indent rainbow (oderwat)
        - CSS Peek (Pranay Prakash)
        - JS JSX Snippets (sky ran)
        - Live Server (Ritwick Dey)

2.3 : Understanding your browser (Chrome)
- Watch the video
- Read the corresponding note section
- Hands on computer:
  - Open the file "my-first-code.html" on Google chrome (browser).
  - Change your default search engine in Google Chrome to Google.
  - Set Google chrome to your default browser.
  - Disable any extensions that you are not using in Google Chrome.

2.4 : Quick revision and improving google search skill
- Watch the video
- Read the corresponding note section

Visual Studio Code (VSC) - Basic skills you need to know

** You will use VSC almost everyday. Please take your time to understand the VSC editor even more. Please use the videos on this page.

[Visual Studio Code (VSC)](#)

As you go through the video, please follow these steps

1.1 Create and Open Folder/Files in VSC

- Watch the video
- Hands on computer:
  - Practice creating folders and files on VSC
  - Practice opening already existing folders on VSC

1.2 Install VSC Extensions

- Watch the video
- Hands on computer:
  - Install Open in default browser (by peakchen90)
  - Install Live Server (by Ritwick Dey)
  - Install Material icon theme (by Philipp Kief)
  - Install Prettier (by Prettier) and change the settings along with video

○ Install CSS Peek (by Pranay Prakash)
○ Install Indent rainbow (by Odewart)
○ Install Auto rename tag (Jun Han)
○ JS JSX Snippets (sky ran)

1.3 Increase/Decrease Text Size in VSC

- Watch the video
- Hands on computer:
    - Adjust your VSC text size to your personal preference

1.4 Split VSC Editor Vertically

- Watch the video
- Hands on computer:
    - Try to split VSC Editor screen Vertically

1.5 Change VSC Settings (Word Wrap, Auto Save, Auto Indent)

- Watch the video
- Hands on computer:
    - Set Word Wrap on

Note:
By the time you've finished learning the theory, you should be able to:
1. Prepare all questions for which you will need additional explanations.
    - Make sure your questions are organized along with the corresponding videos
2. Redo all the class demos on your computer

Step 2: Attend the live classes

- This is your opportunity to get answers to any theoretical questions you may have
  Note:
- Re-watching and discussing the lectures reinforces what you've learned

Step 3: Complete the knowledge checklist

● Go through the knowledge checklist to ensure that you understand all of the key points.

Step 4: Work on the exercises

This week's exercise is to complete these five assignments. Detailed steps you should follow on how to complete the assignments can be found at this link:

[Practice exercises: Basic Computer Skills](#)

- Master your folders, files, and applications
- Master your operating system
- Master your Visual Studio Code
- Understand your Browser
- Master your Google searching technique

Note:

● First, try to work on the assignments on your own. Make a list of all the questions and difficulties you encountered while working on the assignments. During group discussion hours, you will discuss these with your teachers.

Step 5: Attend group discussions

Note:

● This is the time to address any difficulties you encountered while working on the assignments.

● This is also an opportunity to discuss any questions you may have about this week's topic.