**INT102 Lab 2: Creating a simple web page (1/2020)**

**Software:**

Visual Studio Code : <https://code.visualstudio.com>

Extensions:

Live Server

Graphical user interface, text, application

Description automatically generated

**Part 1: Editor**

1. Download lab2.zip and unzip the file (click the lab2.zip > click mouse to open option > click 7-zip >Extract here) and open the lab2 folder
2. In the lab2 folder, you will see the list of files

A screenshot of a cell phone

Description automatically generated

1. Open the Visual Studio Code (VSC)
2. Click menu File > Open > Choose the lab2 folder. The VSC will open the folder as below:

Graphical user interface, text, application

Description automatically generated

1. Click the lab2.html file on the left sidebar. It will open the lab2.html on editor as shown:

Graphical user interface, application

Description automatically generated

1. Type “Hello HTML” between <body> and </body> tag. Click Save or click ctlr+S (Command S for mac)

A screenshot of a cell phone

Description automatically generated

1. Click mouse to open menu > Open with Live Server to preview the HTML file.

Graphical user interface, text, application

Description automatically generated

It will show like below:

Graphical user interface, text, application

Description automatically generated

**Part 2: Create a HTML page**

1. Click the file lab2.txt on the left sidebar and copy all contents and paste them by replacing to the message “Hello HTML” as shown below: (layout the contents by click two tabs while selecting all contents)

A screenshot of a cell phone

Description automatically generated A screenshot of a social media post

Description automatically generated

1. Save the lab2.html and click Live Preview to view the content in Web Browser.
2. Does the content layout in the same way as you pasted in the editor? Why?

**Part 3: Adding HTML tags**

1. You should set the title of this page to “Single Page Application”.
2. Line 8, “What is a Single Page Application?” is the main heading for the page, so mark it up as heading level 1 (h1)
3. The page has two subheadings at line 10 and 22:
   1. “Modern Web Applications are also called Single Page Applications. What does this mean?”
   2. “Examples of Single Page Applications”

Mark them up as heading level 3 (h3).

1. Line 10 through 20, they are detail of the first subheading. Thus, you should mark those up as paragraph (p) elements.
2. Line 24, it provides a short message for showing some examples. Thus, you should mark this line as a paragraph (p) element.
3. Line 26 through 30, you should insert line break element (br) so that each example can show in one example per line as shown below:

A picture containing knife, table

Description automatically generated

1. Save the file and click Live Preview to view the content in Web Browser.
2. Instead of using the line break element, you should use the list element (ul) to display a list of examples. (<https://www.w3schools.com/html/html_lists.asp>)
3. Save the file and click Live Preview to view the content in Web Browser.
4. Before submitting your lab file, rename the lab2.html to **xxxxxxxxxxx.html** (xxxxxxxxxxx is your student id)

**Final Output:**

A screenshot of a social media post

Description automatically generated