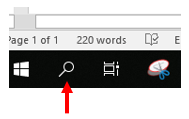
**Day 2 – Web Server (Software)**

**Warm-Up Activity**

Creating a simple Web Page

1. Use the search button (magnifying glass icon) in the bottom windows tray.
2. Find and open the “notepad” text editor application.
3. Use “Save As…” to go to your student folder (G drive) save the file as “mywebpage.txt”
4. Edit the file with the following contents and save it.

<h1>Hello Everybody</h1>

<p>This is a basic <b>HTML</b> web page</p>

Opening your web page

1. Open your web browser (e.g. Chrome)
2. Type “file://G:/” for the URL. What do you see?

I see my files

1. Click on your “mywebpage.txt” to open it. What do you see?

I see what was in the notepad file.

1. Use File Explorer to rename your file to “mywebpage.html”
2. Refresh the “file://G:/” URL
3. Click on your “mywebpage.html” to open it. What do you see?

I see a reformatted version of what was in the file.

**Presentation Notes: Web Server Software**

1. What is a HTML and what does it stand for?  
     
   HTML sounds for Hyper Text Markup Language
2. What does a basic web page contain?

Simple tags with angle brackets and html tags

1. How does a dynamic web page differ from a basic web page?  
     
   A dynamic web page differs because it has elements that may change when the website is reloaded.
2. What is a Web Server?  
     
   A web server is an application program that you could run on any PC but it usually runs on reliable Web Server hardware such as Appache-Unix from Linux or IIS from Microsoft.
3. What are some functions of a Web Server?

To respond to http and https internet requests from users and to provide service for basic web pages.

1. What are some common types of Web Servers?  
     
   Appache-Unix from Linux and IIS from Microsoft are common types of servers.
2. What is a HTTP and what does it stand for?

Hyper Text Transfer Protocol indicates that your computer wants to connect to a web server and expects to receive html content

1. What is the difference between HTTPS and HTTP?

The difference between https and http is that https has basic security for passwords and other information through encrypting .

1. What are some other common URL protocols?

File:// to access local files

ftp:// to access files or a remote server

telnet:// to open a window or remote server.