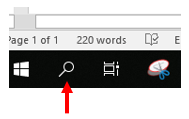
**Day 2 – Web Server (Software)**

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

**Presentation Notes: Web Server Software**

1. What is a HTML and what does it stand for?

Hyper-Text Markup Language

1. What does a basic web page contain?

Contains static content which is text content that doesn’t change when the page is reloaded

1. How does a dynamic web page differ from a basic web page?

They change when the page is loaded or when it’s reloaded. They can also include program scripts using JSP, Java, Python, etc. They can also include links to include data from other types of web servers.

1. What is a Web Server?

It is an application program

1. What are some functions of a Web Server?  
     
   to respond to HTTP or HTTPS internet requests from user clients. Also to provide service for basic web pages.
2. What are some common types of Web Servers?  
     
   Apache – Unix / Linux and IIS - Microsoft
3. What is a HTTP and what does it stand for?  
     
   Hyper-Text Transfer Protocol
4. What is the difference between HTTPS and HTTP?  
     
   in HTTPS the information being sent and received is in encrypted format and https provides a basic level of security for passwords and other private information.
5. What are some other common URL protocols?

* File://
* ftp://
* telnet://