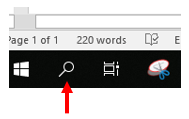
**Day 2 – Web Server (Software)**

**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?  
   It Is a markup language created for creating a webpage and it stands for Hyper Text Markup Language.
2. What does a basic web page contain?  
   A basic web page contains hyperlinks which are often referred to as aslinks which are used to browse other web pages.
3. How does a dynamic web page differ from a basic web page?  
   A basic web page contains information that stays the same everytime and hyperlinks which lead to other pages however a dynamic web page displays different content each time it is opened.
4. What is a Web Server?  
   A web server is a computer that delivers web servers and processes incoming network requests over HTTP and other related protocols.
5. What are some functions of a Web Server?  
   A web server sends you to other web servers but the main functions is that it stores, processes, and delivers web servers to the clients.
6. What are some common types of Web Servers?  
   Some common types of web servers are the Apache, IIS, Nginx, and LiteSpeed
7. What is a HTTP and what does it stand for?  
   A HTTP defines how messages are formatted and transmitted and which actions web servers and browsers should take in response to the commands. HTTP stands for HyperText Transfer Protocol
8. What is the difference between HTTPS and HTTP?  
   The difference between the two is that HTML is a language and HTTP is a protocol. HTTP is a protocol which transfers the hypertext pages to a web browser from a web browser.
9. What are some other common URL protocols?

Other common URL protocols include ftp, mailto, file, data, and irc.