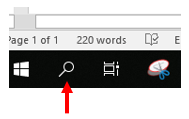
**Day 2 – Web Server (Software)**

**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
2. What does a basic web page contain?  
   contains static content ( i.e text content that does not change when the page is reloaded.)

the page can contain advanced graphics in addition to text

1. How does a dynamic web page differ from a basic web page?  
   are basic wed pages that also include dynamic content that may change while the page is loaded or when it is reloaded

May also include program scripts usin JSP, java, python, etc.

Dyma,ic pages include links to include data from other types of web servers

1. What is a Web Server?  
   an application program
2. What are some functions of a Web Server?  
   to respond to http https internet requests from user clients

To provide service for web pages

1. What are some common types of Web Servers?  
   google Bing Firefox internet explorer
2. What is a HTTP and what does it stand for?  
   hyper text transfer protocol
3. What is the difference between HTTPS and HTTP?  
   http

Your browser (client) wants to connect web server

Your browser is expecting to receive HTML content

https

the same thing to http and…

information sent and received is in encrypted format

https provides a basic level of security for passwords and other private information

1. What are some other common URL protocols?

File:// to access files on a local computer

ftp:// to access files or a remote serer

telnet:// to open a window on a remote serer