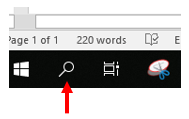
**Day 2 – Web Server (Software)**

**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 simple text with special tags in angle <> brackets
* Hyper-Text Markup Language

1. What does a basic web page contain?

* It contains static content for example text content that does not change when the page is reloaded, and contains advanced graphics in addition to text.

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

* Dynamic web page is different from the basic web because the dynamic web page might change when loading or when it is loaded.

1. What is a Web Server?

* Web server is an application program.
* Which usually runs on more reliable Web server hardware.

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1. What are some functions of a Web Server?

* Function are to respond to HTTP or HTTPS internet requests from user clients (i.e. web browsers)
* To provide service for basic web pages
* They also communicate with the other internet servers to verify account information and

user access and to provide dynamic content.

1. What are some common types of Web Servers?

* Apache – Unix / Linux
* IIS – Microsoft

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

* It is the URL which starts with http:// and it stands for Hyper-Text Transfer Protocol

1. What is the difference between HTTPS and HTTP?

* They both are the same but https is additional with information sent and received is in encrypted format and 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