**Day 2 – Web Server (Software)**

**Warm-Up Activity**

Creating a simple Web Page

1. Use the Windows File Explorer tool to open your student id folder on the G drive
2. Right click and select New->Text Document
3. Name the file “mywebpage.txt”
4. Edit and save the file with the following contents

<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?  
   Hypertext Markup Language, a standardized system for tagging text files to achieve font, color, graphic, and hyperlink effects on World Wide Web pages.
2. What does a basic web page contain?  
   Nothing unless you add anything to the note pad and turn it back to HTML
3. How does a dynamic web page differ from a basic web page?  
   a dynamic web page can be changed while it is loading or reloading.
4. What is a Web Server?  
   a web server is an application program
5. What are some functions of a Web Server?  
   you can run this program on any PC

Usually runs on more reliable web server hardware

1. What are some common types of Web Servers?  
   HTTP and HTTPS
2. What is a HTTP and what does it stand for?  
   HTTP stands for Hyper- Text Transfer Protocal.
3. What is the difference between HTTPS and HTTP?  
   is the same thing as HTTP with the addition that all files transferred or received is in encrypted format.
4. What are some other common URL protocols?

file:// to access files on a local computer

ftp:// to access files or a remote server

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