

Assignment #1
Quiz Responses

A. Please explain web server, web browser, url.

Web server is a computer that receives requests from the client (web browser) and sends them to the browser for display.

Web browser make requests to the web server for resources such as images, tables, and web pages. Once the request has been processed, the browser displays the resource on the webpage.

URL refers to Uniform Resource Locator. It provides the address of the resource such as a webpage. Once entered into the web browser, it sends a request to the web server to fetch and transmit the given resource.

B. What is difference between html and http?

HTML or Hyper Text Markup Language is the programming language of the web that provides the structure of a webpage. HTML explains the content and how content relate to each other on the page. It determines how webpages are formatted and displayed.

HTTP or Hyper Text Transfer Protocol is a data transmission protocol that determines what action the web server and browser should take based on certain commands.

C. What is the usage of page structure tags (<html>, <head>, <body>)? Can you work without them?

These define the structure of an html page. The html tag determines the start and end of an html page; the <head> tag contains the processing information, title, or meta data of the page. The <body> tag is the container of the html page that displays all of the page content.

No, you cannot work without them when creating an html page.

D. What is the <title> tag used for?

The <title> tag is used to give a website a title. They are important for search engines and also display in the web browser.

E. Can you identify difference between <div> and <p> tag when styling a page?

The <div> tag creates a section of an html page that acts as a container to style other HTML elements. It groups these elements together for consistent styling.

The <p> tag creates a new paragraph on the html page.

F. Provide tags for different levels of headings that HTML support?

<h1>, <h2>, <h3>, <h4>, <h5>, <h6>

G. Joe is a potential Fall 2019 UMD student. He wants to submit his application files to UMD admission website. Draw a diagram to illustrate how Joe's machine communicates with UMD website to return UMD admission page.

