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INST728J
Quiz: Week 1

A. Please explain web server, web browser, url.
The web server waits on requests from web browsers; requests are made for web pages, images, and more. When the server gets a request, it finds the resource and returns it to the browser. The web browser displays an HTML page that has been requested and retrieved from a web server. A url is a global address that is used to locate things on the web, including HTML pages and other web content. A url also names protocol that can be used to retrieve the specific resource.

B. What is the difference between html and http?
HTML is a language used to convert normal text into hypertext pages which makes things accessible through the web. HTTP is a protocol used to transfer the hypertext pages from the web server to the web browser.

C. What is the usage of page structure tags (<html>, <head>, <body>)? Can you work without them?
Page structure tags describe and structure the content of a Web page. They present content in a way that allows a browser to recognize and understand the information on the Web page. You can work without these tags in some instances. Some browsers can still read HTML without the page structure tags. With the latest version of HTML, these page structure tags are not required; you can work without them.

D. What is <title> tag used for?
The title tag is used to give the page a title.

E. Can you identify the difference between <div> and <p> tag when styling a page?
A <p> tag applies styling to text; it makes the text paragraph size, which has specific styling associated with it. A <div> tag tends to indicate or mark a section; there are no predetermined styles associated with a <div> tag.

F. Provide tags for different levels of headings that HTML support?
<h1></h1>
<h2></h2>
<h3></h3>
<h4></h4>

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