



HTML 101

MPM107

– What is a website?

A website is basically a collection of web pages stored on a particular computer (called a web server) and accessed by outside computers. The site creator puts the files on the web server. A web server is just a computer with special software that allows others to view your web page when they go to the address of the web server.

– What is a webpage?

Each web page is a file. It might reference other files, but it is still a single file. The web page is just a text file of the HTML commands. This file is small, which is why it loads so quickly.

– What coding elements provide a webpage its structure, presentation and behaviour, why is it designed this way?

For its structure, the HTML tag defines what type of web page it is going to be, for its presentation, the Body tag is what will display all of the design behind the coding, meanwhile the Head tag will tell all that code, through CSS (Cascading Style Sheets) , how to dress up, meaning that it will change the Body's behaviour.

– What is html 5?

Is an update for HTML4. What does this mean? Well, it is a revised version as of December 2012 that allows people to have a better and easier experience while browsing through the internet without having to rely on third party plugins to do all the complicated and heavy additions like videos, drag and drop features, 3D imaging, etc.

– How do you write an html tag, why?

It is written by starting with a '<' then the desired tag, for example an image (img) and then is closed with the opposing bracket '>'. This is how a tag is opened. To close a tag, is the same process, but after the first '<', a backslash '/' has to be placed.

Tags are the building base of a web site, and a website being a logic based platform, it needs to be told what to do, and in a very specific manner. A website works exactly like an outline, and it requires order. Since it requires order, if the coder writes a tag that opens something, then there should generally a tag that closes it, if an attribute is written, the coder has to make sure it is

- what is the doctype element used for?

The doctype is used for the identification of a website, placed differently, it is the way browsers know if the information in the document is an html or not.

- what is an attribute?

An attribute is an extra element placed within a tag to make a tag work more efficiently, and in a more desired manner.

- what is a meta tag?

A meta tag is a piece of code that is never shown to the user which helps sort a web page from all the other ones. The meta tag may specify name of the page, description, or even specific information of

- where do you write text you want to see on the page?

In the body tag

- What is the h1 tag used for?

H1 stands for Heading one, so h1 has two main uses. One is to categorize the webpage, and the other one is to give the visual aspect of the webpage a name

- How do you load an image on the page?

with an image tag (img). Though, this image will not display if the image is not located in the root folder

- what is ftp and how do you use it?

FTP stands for file transfer protocol. Basically what it does is that throughout the internet, a user can access a file in another server through respective credentials and access files to extract or place into the server.

- what is http and how does it work?

HTTP stands for HyperText Transfer Protocol. What this does, is to let the browser know that you want to navigate to a web page in the internet.

- what is a server, a web server?

a server is a space, a storage space, where information can be placed, and recalled by the user at any moment as long as the user is connected to the internet. (This may require some credential check)

To be able to post on a server, first you must create a web domain. This will allow you to upload code so that it can be read and put onto the World Wide Web. Once you have registered a domain, you can then create a hosting account and from there, you can link them together to create a webpage that you can upload your HTML code to. As long as your HTML code is correct it will show up on your domain. You can also create your own domain, but that does take more time and can be much more complicated.

– How do you create a link ([hint](#))

In order to create a link, an object(image or text generally) has to be placed into the site for it to work.

When the object is placedm it has to be enveloped by this code:

```
<a href="(location to where link will be taking the user)">(object)</a>
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Once this is done, the link to wherever it has to go will be established.

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