**Answer the following questions. Each question is marked with its point worth. Please write legibly. If I cannot read your writing, I will mark the question wrong.**

1. Define the following terms and provide examples when appropriate.

|  |  |
| --- | --- |
| **Term** | **Definition** |
| HTTP | Hypertext Transfer Protocol, the protocol used by the internet to transfer data |
| XHTML | Extensible Hypertext Markup Language, a markup language that provides the foundations of HTML tags and properties while adding usability through XML properties |
| CSS | Cascading Style Sheet, a language that is used to edit the layout, properties, and presentation of many other languages like HTML, XML, and PHP. |
| JavaScript | A language that adds the ability to add code to a website. This code allows many program functions as well as computational functions to a website. |
| Validation | A process that checks a document’s language and syntax against the industry standards to ensure that everything is correct. |
| W3C | World Wide Web Consortium, sets the international and industry standards for all web based languages. These standards ensure that web browsers can properly read and interpret the code. |
| PHP | PHP: Hypertext Preprocessor, the original web language that is still used as a server-based language to complete many general-purpose tasks. |

1. List 3 differences between HTML and XHTML?

-XHTML does not permit the omission of tags or attributes, HTML does

-XHTML provides shorthand notation for empty tags, HTML does not

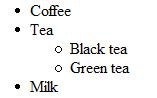
- XHTML requires that nested tags must be closed in the right order, HTML allows tags to be closed out of order.

1. We have a basic pattern for your projects. Your .html file is located in the root folder (of a project). Within that project you keep your stylesheet (.css) in a folder, your scripts (client-side and server-side) in another folder, and images in yet another. Why?

This is to keep everything organized and separated. It makes it easier to update the particular folders or information if needed. Also, when a project gets moved, all of the files that are associated with it gets moved within the same directory. It makes it easier to find particular files without having to come up with weird file names.

1. \_\_\_\_\_\_\_\_\_\_ represents various attributes of an object, such as height, color, font size, length and so forth.
   1. Values
   2. Behaviors
   3. Methods
   4. Properties
2. Correct this code to create valid XHTML like the example below.

<ul>

<li>Coffee</li>

<li>Tea</li>

<ul>

<li>Black tea</li>

<li>Green tea</li>

</ul>

<li>Milk</li>

</ul>

1. Which XHTML code is "well-formed"?
   1. <p>A <b><i>short</i></b> paragraph
   2. <p>A <b><i>short</b></i> paragraph</p>
   3. <p>A <b><i>short</i></b> paragraph</p>
2. What is the correct HTML for referring to an external style sheet?
   1. <link rel="stylesheet" type="text/css" href="mystyle.css">
   2. <stylesheet>mystyle.css</stylesheet>
   3. <style src="mystyle.css">
3. Which is the correct CSS syntax?
   1. body {color: black}
   2. body:color=black
   3. {body:color=black(body}
   4. {body;color:black}
4. Provide an example of a comment for each of the following:
   1. XHTML

<!—Comment -->

* 1. CSS

/\* Multiline \*/ //Single Line

* 1. JavaScript

/\* Multiline \*/ //Single Line

* 1. PHP

<!—Comment -->

* 1. MySQL

/\* Multiline \*/ //Single Line

1. How do you change the text color of an element in CSS?
   1. fgcolor:
   2. color:
   3. text-color=
   4. text-color:
2. In the final project of this course, you were asked you use a client-side and a server-side language as scripts. Identify the two scripting languages you have used. For each language, describe it as either a client-side or server-side script. Finally, define client-side and server-side scripting.

Client-side Scripting: script or code that is run locally on the machine that it is loaded on to complete a task. An example of this would be JavaScript. A script could be written to perform an set of tasks the coder wishes. The script activates once the web page loads on the clients’ machine.

Server-side Scripting: a script or code that is activated and stored on the server to occur when a certain action or set of actions occurs. An example of this would be PHP. PHP allows the server to interact with other languages and machines such as MySQL and databases. This makes many sites more useful and more interactive with the content it is able to provide.

1. How do you display a border that has the following properties:

* The top border = 10 pixels
* The bottom border = 5 pixels
* The left border = 20 pixels
* The right border = 1pixel
  1. border-width:5px 20px 10px 1px
  2. border-width:10px 5px 20px 1px
  3. border-width:10px 20px 5px 1px
  4. border-width:10px 1px 5px 20px

1. What does PHP stand for?
   1. PHP: Hypertext Preprocessor
   2. Personal Hypertext Processor
   3. Personal Home Page
   4. Private Home Page
2. PHP server scripts are surrounded by delimiters, which?
   1. <script>...</script>
   2. <?php>...</?>
   3. <?php ...?>
   4. <&>...</&>
3. What is the correct way to include the file "time.inc" ?
   1. <?php include\_file("time.inc"); ?>
   2. <!--include file="time.inc"-->
   3. <?php include("time.inc"); ?>
   4. <% include file="time.inc" %>