

Due: no later than Friday October 11 start of class. Submissions handed in after class that Friday not accepted. Answers can be found either within your lecture notes handouts, or on the course FAQ page (<http://hal.cs.camosun.bc.ca/~langs/comp140-13/notes/faq.html> )

1. What is the difference between a web server and a web browser? [2 marks]
  
  
  
  
  
  
  
  
  
  
2. What is the purpose of the scheme in a URL? [2 marks]
  
  
  
  
  
  
  
  
  
  
3. Who (which governing body) develops and sets HTML standards? [1 mark]
  
  
  
  
  
  
  
  
  
  
4. Who (which body) is the registrar for .ca domain names in Canada? [2 marks]
  
  
  
  
  
  
  
  
  
  
5. What is the difference between a subdomain and a domain? [2 marks]
  
  
  
  
  
  
  
  
  
  
6. What is the difference between static HTML and dynamic HTML? [2 marks]
  
  
  
  
  
  
  
  
  
  
7. Give two examples of a block HTML element and two that are inline [2 marks]

8. This part tests your understanding of the html table `rowspan` and `colspan` attributes. Below there are five different html tables and their browser representations in a mixed order. Enter the correct table number which matches its corresponding html. [5 marks]

Table #	
	<pre> &lt;table width="200" border="1"&gt;   &lt;tr&gt;     &lt;td&gt;A&lt;/td&gt;     &lt;td rowspan="2"&gt;D&lt;/td&gt;     &lt;td rowspan="3"&gt;F&lt;/td&gt;   &lt;/tr&gt;   &lt;tr&gt;     &lt;td&gt;B&lt;/td&gt;   &lt;/tr&gt;   &lt;tr&gt;     &lt;td&gt;C&lt;/td&gt;     &lt;td&gt;E&lt;/td&gt;   &lt;/tr&gt; &lt;/table&gt; </pre>
	<pre> &lt;table width="200" border="1"&gt;   &lt;tr&gt;     &lt;td rowspan="3"&gt;A&lt;/td&gt;     &lt;td&gt;B&lt;/td&gt;     &lt;td&gt;E&lt;/td&gt;   &lt;/tr&gt;   &lt;tr&gt;     &lt;td colspan="2"&gt;C&lt;/td&gt;   &lt;/tr&gt;   &lt;tr&gt;     &lt;td&gt;D&lt;/td&gt;     &lt;td&gt;F&lt;/td&gt;   &lt;/tr&gt; &lt;/table&gt; </pre>
	<pre> &lt;table width="200" border="1"&gt;   &lt;tr&gt;     &lt;td rowspan="3"&gt;A&lt;/td&gt;     &lt;td rowspan="2"&gt;B&lt;/td&gt;     &lt;td&gt;D&lt;/td&gt;   &lt;/tr&gt;   &lt;tr&gt;     &lt;td&gt;E&lt;/td&gt;   &lt;/tr&gt;   &lt;tr&gt;     &lt;td&gt;C&lt;/td&gt;     &lt;td&gt;F&lt;/td&gt;   &lt;/tr&gt; &lt;/table&gt; </pre>
	<pre> &lt;table width="200" border="1"&gt;   &lt;tr&gt;     &lt;td colspan="2"&gt;A&lt;/td&gt;     &lt;td&gt;E&lt;/td&gt;   &lt;/tr&gt;   &lt;tr&gt;     &lt;td&gt;B&lt;/td&gt;     &lt;td rowspan="2"&gt;D&lt;/td&gt;     &lt;td rowspan="2"&gt;F&lt;/td&gt;   &lt;/tr&gt;   &lt;tr&gt;     &lt;td&gt;C&lt;/td&gt;   &lt;/tr&gt; &lt;/table&gt; </pre>

```

<table width="200" border="1">
  <tr>
    <td rowspan="2">A</td>
    <td>C</td>
    <td>E</td>
  </tr>
  <tr>
    <td colspan="2">D</td>
  </tr>
  <tr>
    <td colspan="2">B</td>
    <td>F</td>
  </tr>
</table>

```

**1**

A	B	E
	C	
	D	F

**2**

A		E
B	D	F
C		

**3**



A	B	D
		E
	C	F

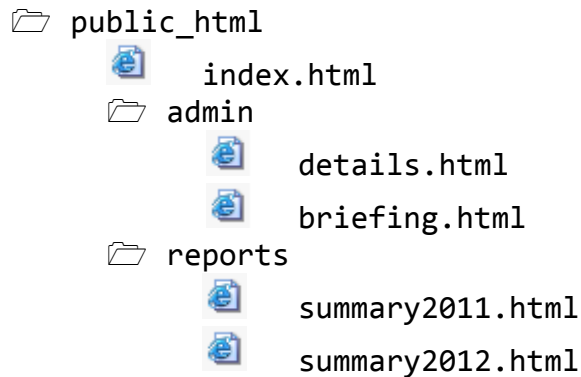
**4**

A	C	E
	D	
B		F

**5**

A	D	F
B		
C	E	

9. The following folder tree display shows folders as  and HTML documents as . Folders **admin** and **reports** are both subfolders of **public\_html**. If you need help, review the sample URLs at this link:  
[http://hal.cs.camosun.bc.ca/~lang/comp140-13/tests/Quiz01/public\\_html/](http://hal.cs.camosun.bc.ca/~lang/comp140-13/tests/Quiz01/public_html/)  
[4 marks]



- a. [Example] Within the file **details.html** the text “sample” needs to be defined as a hypertext reference to the file **briefing.html**. Define the HTML to do this using a relative URL.
- Answer: `<a href="briefing.html">sample</a>`
- b. Within the file **index.html** the text “Details” needs to be enabled as a hypertext reference to the file **details.html**. Define the HTML to do this using a relative URL.
- c. Within the file **summary2012.html** the text “Briefing” needs to be enabled as a hypertext reference to the file **briefing.html**. Define the HTML to do this using a relative URL.
- d. Within the file **summary2011.html** the text “Main page” needs to be enabled as a hypertext reference to the file **index.html**. Define the HTML to do this using a relative URL.
- e. This **public\_html** folder is located in the account **c0123**. Within the file **index.html** the text “Summary 2012” needs to be enabled as a hypertext reference to the file **summary2012.html**. Define the HTML to do this using an absolute URL.

10. What is the purpose of the DOCTYPE declaration? [1 mark]
11. Name three ways a browser provides visual cues that an element in its window is a hypertext reference. [2 marks]
12. What is the main difference between the JPEG format and the PNG format? [2 marks]
13. What HTML is needed to display the image file name `robin.png` assuming this image file is in the same folder as the HTML file? [1 mark]
14. What is the purpose of the browser's cache? [1 mark]
15. Which browsers use the Gecko rendering engine? [1 mark]
16. What is the difference between HTML and XHTML? [1 mark]

17. Identify two purposes of a proxy server. [1 mark]

18. What is an advantage of a CDN? [1 mark]

19. In Canada what governing body regulates and supervises telecommunications? [1 mark]

20. Which HTML element defines alternative content such as Shockwave, Java applet, or ActiveX files? [1 mark]



1, 2, 4, 5, 9, 17, 18, 19



3, 6, 7, 8, 10, 11, 13, 16, 20



14, 15



12