

CS134 Web Site Design & Development

Midterm Exam - Solution

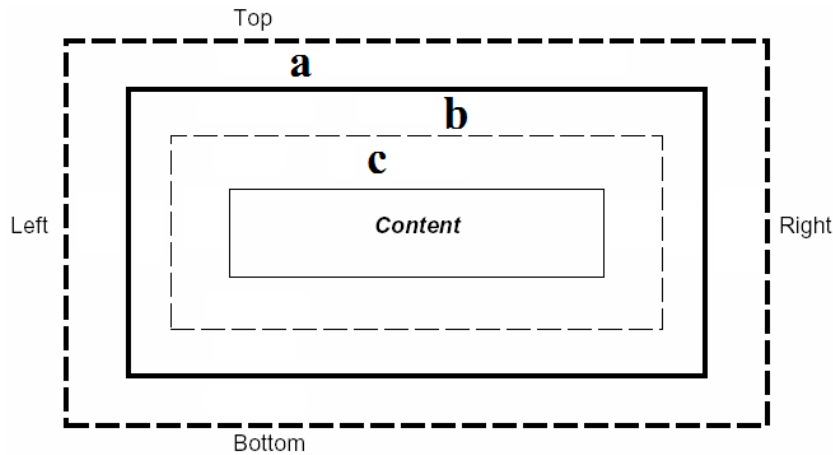
(Part One)

I True or false questions (T for true, F for false; 2 points each, total 8 points)

1. Not every document/resource on the WWW needs to have an identifier in order to be accessed by others. [Answer: **_F_**]
2. In XHTML, all values of attributes have to be surrounded by quotes. [Answer: **_T_**]
3. `` is a block level element. [Answer: **_F_**]
4. If there is a CSS rule `"p {font-size: 14px;}"` in the external style sheet, and there is a CSS rule `"p {font-size: 12px;}"` in the internal style sheet, then the font-size of the text in a paragraph will be 14px. [Answer: **_F_**]

II Fill in the blanks. (total 22 points)

1. [3points] An XHTML document consists of three main parts, and they are **doc type**, **head**, and **body**.
2. [2points] We use **<blockquote>** tag for defining a long quotation.
3. [3points] CSS uses the Box Model when calculating the box properties. In the graph below, please indicate the properties represent the areas labeled as "a", "b", and "c".



- a: _____ **margin** _____
 b: _____ **border** _____
 c: _____ **padding** _____

4. [2points] In CSS, possible length units for value of "font-size" are _____ **pixel** _____ or _____ **em** _____. (or any two of **px, em, ex, px, in, cm, mm, pt, pc**)

5. [4points] The following is inside the body of an XHTML document:

```
<p>text</p>
<ol>
  <li>item1</li>
  <li>item2</li>
</ol>
```

I want to display both the paragraph and the list in "red" color using just a single CSS rule. Then my CSS rule should be

- _____ answer 1: **.red { color: red; }** _____
 _____ answer 2: **p, ol { color: red; }**
 _____ answer 3: *** { color: red; }**

(can use #f00 or #ff0000 for the color value)

If the XHTML above needs to be changed, then the new XHTML should be

(If CSS rule is **answer 1**, then the HTML will be modified as following)

```
<p class="red">text</p>
<ol class="red">
  <li>item1</li>
  <li>item2</li>
</ol>
```

(If CSS rule is **answer 2** or **answer 3**, then don't need to modify. There can be other answers to this question, as long as it satisfies the requirement)

6. [2points] The following is a list inside an XHTML document:

```
<ol>
```

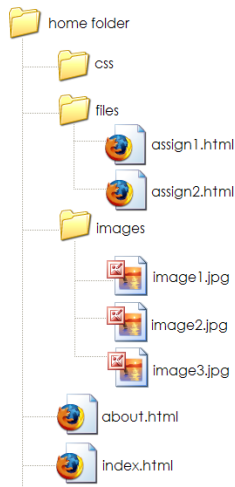
```
<li id="a1">item1</li>
<li id="a2">item2</li>
</ol>
```

And it uses the following CSS rules:

```
#a1 {margin-bottom: 20px;}
#a2 {margin-top: 10px;}
```

Then when the list is displayed in a browser, the actual margin between “item1” and “item2” will be 20 pixel.

7. [6points] Assume the following is the directory structure of my web site



1) To insert the “**image2.jpg**” into the web page “**assign1.html**”, I have to write the XHTML code

___ `` ___ inside the body of “**assign1.html**”.

2) To add a link to “**index.html**” file with the link text “go to index” in “**assign2.html**”, I have to add the XHTML code

___ `go to index` ___ inside the body of “**assign2.html**” file.

3) If the code “`<h3>Menu list</h3>`” is inside the body of “**index.html**”, adding the following link code

___ `go to Menu list` (**note: the link text doesn't have to be “go to Menu list”**) _____

inside the body of “**assign2.html**” will take me to the text “Menu list” when I click on that link.

(Part Two)

Solution to this part will be posted on the course Web site.