CIS 228 (Spring, 2012)
Exam 1, 3/1/12

Name (sign) _____

Name (print) _____

email _____

Question	Score
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
TOTAL	

Question 1

True or **false**:

_____ Images *can* be uses as labels for hyperlinks in HTML.

_____ An <em> element *can* have a <strong> element embedded within it.

_____ The <blockquote> and <q> elements do the *same* thing.

_____ Every opening tag for a block element *must* contain an attribute assignment.

_____ Unordered lists *cannot* contain ordered sub-lists.

_____ HTML pages can *only* contain images in GIF format.

_____ Some browsers will display web pages that are *not* compliant with W3C standards.

_____ <img> elements *need* "alt" attributes in strict XHTML 1.0.

_____ A <meta> element *must* be the child of a <head> element.

_____ HTML 4.01 is the *same* as XHTML 1.0.

Question 2

Draw a line through each of the following that is **NOT** the name of an HTML attribute:

p

src

li

title

id

xml

blockquote

href

width

©

Question 3

Briefly define (two sentences or less) each of the following. **Give an example of each**.

A character entity

A tag

An element

An attribute

A hyperlink

Question 4

In the space indicated, give one example of an html element that could be a **child** of the given element (if there are any).

<html> _____

<p>   _____

<em>   _____

   _____

<body> _____

<img>   _____

   _____

<h2>   _____

<head> _____

<a>   _____

Question 5

In the space indicated, give one example of an html element that could be a **parent** of the given element (if there are any).

_____ <html>

_____ <p>

_____ <title>

_____

_____ <body>

_____ <img>

_____

_____ <h3>

_____ <blockquote>

_____

Question 6

The following diagram indicated the layout of a collection of files and directories (folders).

```
ROOT
 |
 |--index.html
 |
 |--IMAGES
 |    |
 |    |--spain.png
 |    |
 |    |--THUMBNAILS
 |         |
 |         |--carol.jpg
 |
 |--TRAVEL
 |    |
 |    |--spain.html
 |
 |--FRIENDS
      |
      |--tony.html
      |
      |--carol.html
```

A) In index.html, create a hyperlink to tony.html with "Anthony" as its label.

B) In tony.html, create a hyperlink to spain.html with "Spain" as its label.

C) In spain.html, embed the spain.png image.

D) In index.html, create a hyperlink to carol.html using the image carol.jpg as its label.

Question 7

The following diagram represents the DOM tree of a web page (raw text in quotation marks).

```
html
 |
 |--head
 |    |
 |    |--title
 |          |
 |          |--"A Page"
 |
 |--body
       |
       |--h2
       |    |
       |    |--"A Heading"
       |
       |--p
            |
            |--"This is a "
            |
            |--em
            |    |
            |    |--"very"
            |
            |--"short paragraph."
```

Write the corresponding HTML.

Question 6

Write the HTML to display the following poem from **Leaves of Grass** as a block quotation:

Memories

How sweet the silent backward tracings!
The wanderings as in dreams -- the meditation of old times resumed
    -- their loves, joys, persons, voyages.

Walt Whitman

Question 9

Write a COMPLETE HTML page that displays as follows. (You don't need DOCTYPE or meta tags, but otherwise your page should be valid HTML 4.01 Strict.)

Shopping list:

1) Corn flakes
2) Fruit
   - Apples
   - Oranges
3) Milk

Question 10

The following is a fragment of a document that is supposed to be valid XHTML 1.0 Strict. Identify any problems that would make it invalid. (Ignore the content of the page. Just indicate what would keep it from validating as strict XHTML 1.0.) As tersely as possible, indicate how each problem would be fixed. (Note: not every line has an error, but some have more that one.)

```
<blockquote>

<h1>Today in Space<h1>

  Moon rocks: <a href="rock.html" title=rock>moon rock</a> <br>

  One small step for a <wrong>man</strong>.

<h2>Sun Spots</h1>

<ul>

  <li><p>At opposite ends of an evening sky we find the

      <a href="sun.html", title="sun & moon">Sun & Moon</a>.

      </p>

  <li>Lookup <blockquote>Venus</blockquote> in the Tuckahoe

      "phonebook".</li>

  <em><img src="Saturn.png"></em>

</ol>

<p>

  <h2>Comets in <em>the</em> News</h3>

  Wayward comet targets LA.  Impact immanent, high death toll feared.

<p>

</blockquote />
```