

ANSWER KEY  
Exam I (Blue Version)  
CIS 228: The Internet  
Prof. St. John  
Lehman College  
City University of New York  
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1. True or False:

- (a) True An element with only an opening tag is called an empty element.
- (b) False Every tag must have an attribute.
- (c) False To specify the source for an image tag, you must always include the domain name (i.e. URL) of the server on which the file is located.
- (d) False `href` is an example of a tag.
- (e) True PNG is a format for images recognized in HTML.
- (f) True The `<q>` and `<blockquote>` are both used for showing quotes.
- (g) True Images can be used as the label for a link.
- (h) False The `<meta>` goes into the `<body>` section of a webpage.
- (i) False Only files in strict HTML will be displayed by the Mozilla Firefox browser.
- (j) False HTML 4.01 is the same as XHTML 1.0.

2. Answer in two sentences or less the following:

- (a) What is a relative path? Give an example.  
A relative path gives the location of a file, relative to the current location. If your location in the file structure changes, then the relative path will change also. For example, `'../images/drinks.gif'` gives the location of the `drinks.gif` file relative to the current location
- (b) What is an absolute path? Give an example.  
An absolute path gives the location of a file, no matter what your current location. It can begin with the name of the webserver, followed by a sequence of folder and file names. For example, `http://comet.lehman.cuny.edu/stjohn/teaching/cis288` gives the absolute path to the class website.

3. Set up the links for the following:

- (a) A link with the label "My Schedule" and a destination of `classes.html`:

```
<a href="classes.html">My Schedule</a>
```

- (b) A link with the label “Search Me”, a destination of `http://google.com`, and title “Google”:

```
< a href="http://google.com">Search Me</a>
```

- (c) A link with the label “Map” and a destination of `directions.html` that pops up in a new window.

```
<a href="directions.html" target="_blank">Map</a>
```

4. Identify each of the following as an inline or a block element:

- (a) inline `em`
- (b) block `ul`
- (c) inline `img`
- (d) block `h4`
- (e) inline `q`

5. Be the browser: what is displayed with the following HTML code:

```
<h1>Segway'n USA</h1>
<p>
  Documenting my trip around the US on my very own Segway!
</p>
<h2>July 14, 2005</h2>
<p>I saw some Burma Shave style signs on the side of the
  road today:</p>
<blockquote>
  Passing cars, <br>When you can't see, <br>
  May get you, <br>A glimpse, <br>
  Of eternity. <br>
</blockquote>
<p>I definitely won't be passing any cars.</p>
<h2>June 2, 2005</h2>

```

## Segway'n USA

Documenting my trip around the US on my very own Segway!

**July 14, 2005**

I saw some Burma Shave style signs on the side of the road today:

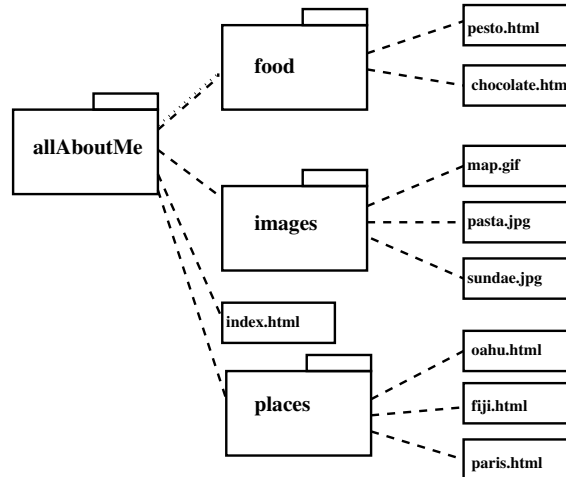
Passing cars,  
When you can't see,  
May get you,  
A glimpse,  
Of eternity.

I definitely won't be passing any cars.

**June 2, 2005**



6. Consider the following directory (folder) structure:



- (a) In the file, `index.html`, write the HTML that will link to the file describing pesto in the `food` folder, with label, “pesto.”

```
<a href="food/pesto.html">pesto</a>
```

- (b) In the file, `oahu.html`, write the HTML that will display the image `map.gif`.

```

```

- (c) In the file, `index.html`, write the HTML that links to the file `chocolate.html` using the image `sundae.jpg` as the label.

```
<a href="food/chocolate.html"> </a>
```

- (d) In the file, `fiji.html`, write the HTML that links to the `index.html` file, with the label “Return to front page.”

```
<a href="../../index.html">Return to front page</a>
```

7. Write the HTML that would display the following:

- (a) “Perhaps it hasn’t one,” Alice ventured to remark. “Tut, tut, child!” said the Duchess. “Everything’s got a moral, if only you can find it.”  
(Lewis Carroll, *Alice in Wonderland*, Ch. 9)

```
<q>Perhaps it hasn't one,</q> Alice ventured to remark.
<q>Tut, tut, child!</q> said the Duchess.
<q>Everything's got a moral, if only you can find it.</q> <br>
(Lewis Carroll, <em>Alice in Wonderland</em>, Ch. 9)
```

- (b) From chapter 7 of *Alice in Wonderland*:

```
Twinkle, twinkle, little bat!
How I wonder what you're at!
Up above the world you fly,
Like a teatray in the sky.
```

```

<p>From chapter 7 of <em>Alice in Wonderland</em>:
<blockquote>
    Twinkle, twinkle, little bat! <br>
    How I wonder what you're at! <br>
    Up above the world you fly,<br>
    Like a teatray in the sky.
</blockquote>
</p>

```

8. Write the HTML to:

- (a) create a destination anchor, called “Coffee” around the heading (<h3>) **Coffee**:

```
<a id="Coffee"><h3>Coffee</h3></a>
```

- (b) links to <http://buzz.headfirstlabs.html> at the destination anchor “Coffee”, with label “Read all about caffeine on the Buzz”:

```
<a href="http://buzz.headfirstlabs.htm#Coffee">Read all about
caffeine on the Buzz</a>
```

9. Write a COMPLETE webpage that lists your three favorite foods. Use an unordered list, include images, and use proper HTML for the page.

```

<html>
  <head>
    <title>My favorite foods</title>
  </head>
  <body>
    <h1>My favorite foods</h1>
    <p>Here are some of my favorite foods:</p>
    <ul>
      <li> Pesto!  </li>
      <li> Chocolate: , and </li>
      <li> Dulce de Leche ice cream  </li>
    </ul>
  </body>
</html>

```

10. (a) Modify the following page to be in strict HTML 4.01. Use the appropriate <doctype> and <meta> elements and fix non-compliant parts:

```

<html>
  <head>
    <title>myPod</title>

```

```

        <style type="text/css"> body { background-color: #eaf3da; } </style>
</head>
<body>
    <p>
        
    </p>

    <h1>Welcome to myPod</h1>
    <p>
        Welcome to the place to show off your iPod, wherever you might be.</p>

    <h2>Seattle, Washington</h2>

    Me and my iPod in Seattle! You can see rain clouds and the
    Space Needle. You can't see the 628 coffee shops.

    <a href="html/seattle_med.html">
        
    </a>
    <a href="html/seattle_shuffle.html">
        
    </a>
    <a href="html/seattle_downtown.html">
        
    </a>

</body>
</html>

```

Answer:

```

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN"
    "http://www.w3.org/TR/html4/strict.dtd">
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
        <title>myPod</title>
        <style type="text/css"> body { background-color: #eaf3da; } </style>
    </head>
    <body>
        <p>
            
        </p>

```

```

<h1>Welcome to myPod</h1>
<p>
    Welcome to the place to show off your iPod, wherever you might be.</p>

<h2>Seattle, Washington</h2>
<p>
    Me and my iPod in Seattle! You can see rain clouds and the
    Space Needle. You can't see the 628 coffee shops.

    <a href="html/seattle_med.html">
        
    </a>
    <a href="html/seattle_shuffle.html">
        
    </a>
    <a href="html/seattle_downtown.html">
        
    </a>
</p>
</body>
</html>

```

(b) What changes do you need to make this page XHTML 1.0 compliant?

Change the DOCTYPE to:

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
    "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

```

Change HTML tag to:

```

<html xmlns="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en">

```

Add in the META tag:

```

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />

```

Change all the ">" to ">" for img and br tags.