

ANSWER KEY Exam I (Yellow Version)

CIS 228: The Internet

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26 February 2009

1. True or False:

- (a) False An element with only a closing 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) True `img` is an example of a tag.
- (e) False JPG is a “lossless” format for images.
- (f) True The `<q>` is used for displaying quotes inline.
- (g) False Images cannot be used as the label for a link.
- (h) True The `<meta>` goes into the `<head>` section of a webpage.
- (i) False Only files in strict HTML will be displayed by the Internet Explorer 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 “Favorite Food” and a destination of `food.html`:
`Favorite Food`

- (b) A link with the label “All the news...”, a destination of `http://nytimes.com`, and title “NYT”:

```
<a href="http://nytimes.com" title="NYT">All the news...</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) `block ol`
- (b) `block h3`
- (c) `inline img`
- (d) `inline em`
- (e) `block blockquote`

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

```
<h2>June 2, 2005</h2>

<p>
  My first day of the trip! I can't believe I finally got
  everything packed and ready to go. Because I'm on a Segway,
  I wasn't able to bring a whole lot with me:
</p>
<ul>
  <li>cellphone</li>
  <li>iPod</li>
  <li>digital camera</li>
  <li>and a protein bar</li>
</ul>
<p>Just the essentials. As Lao Tzu would have said,
  <q>A journey of a thousand miles begins with one Segway.</q>
</p>
```

June 2, 2005

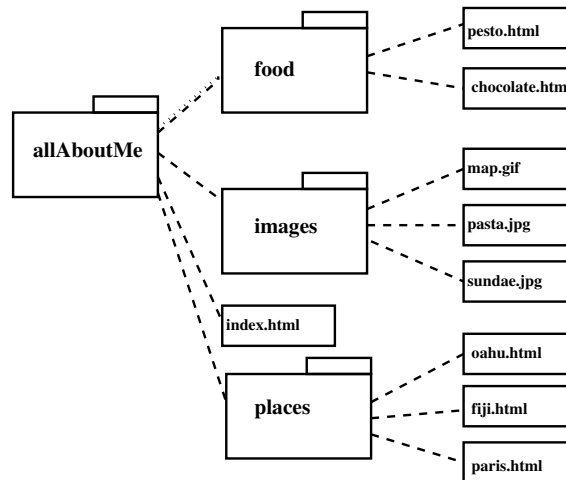


My first day of the trip! I can't believe I finally got everything packed and ready to go. Because I'm on a Segway, I wasn't able to bring a whole lot with me:

- cellphone
- iPod
- digital camera
- and a protein bar

Just the essentials. As Lao Tzu would have said, "A journey of a thousand miles begins with one Segway."

6. Consider the following directory (folder) structure:



(a) In the file, `index.html`, write the HTML that will link to the file describing chocolate in the `food` folder, with label, "chocolate."

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

- (b) In the file, `fiji.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 `pesto.html` using the image `pasta.jpg` as the label.

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

- (d) In the file, `paris.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) “Begin at the beginning,” the King said, very gravely, “and go on till you come to the end: then stop.”

(Lewis Carroll, *Alice in Wonderland*, Ch. 12)

```
<q>Begin at the beginning,</q> the King said, very gravely,  
<q>and go on till you come to the end: then stop.</q> <br>  
(Lewis Carroll, <em>Alice in Wonderland</em>, Ch. 12)
```

- (b) From chapter 2 from *Alice in Wonderland*:

How doth the little crocodile
Improve his shining tail,
And pour the waters of the Nile
On every golden scale! ...

```
<p>From chapter 2 from <em>Alice in Wonderland</em>:  
<blockquote>  
  How doth the little crocodile<br>  
  Improve his shining tail,<br>  
  And pour the waters of the Nile<br>  
  On every golden scale! ...<br>  
</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 places. Use an unordered list, include images, and use proper HTML for the page.

```
<html>  
  <head>  
    <title>My favorite places</title>  
  </head>  
  <body>  
    <h1>My favorite places</h1>  
    <p>Here are some of my favorite places:</p>  
    <ul>  
      <li> California  </li>  
      <li> New Zealand , and </li>  
      <li> New York City </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.