

Exam I  
CIS 228: The Internet  
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**Exam Rules**

- Show all your work. Your grade will be based on the work shown.
- The exam is closed book and closed notes.
- When taking the exam, you may have with you pens or pencils, and an 8 1/2" x 11" piece of paper filled with notes, programs, etc.
- You may not use a computer or calculator.
- All books and bags must be left at the front of the classroom during this exam.
- Do not open this exams until instructed to do so.

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

(Yellow version)

1. True or False:

- (a) \_\_\_ An element with only a closing tag is called an empty element.
- (b) \_\_\_ Every tag must have an attribute.
- (c) \_\_\_ 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) \_\_\_ `img` is an example of a tag.
- (e) \_\_\_ JPG is a “lossless” format for images.
- (f) \_\_\_ The `<q>` is used for displaying quotes inline.
- (g) \_\_\_ Images cannot be used as the label for a link.
- (h) \_\_\_ The `<meta>` goes into the `<head>` section of a webpage.
- (i) \_\_\_ Only files in strict HTML will be displayed by the Internet Explorer browser.
- (j) \_\_\_ HTML 4.01 is the same as XHTML 1.0.

2. Answer in two sentences or less the following:

- (a) What is an absolute path? Give an example.
  
  
  
  
  
  
  
  
  
  
- (b) What is a relative path? Give an example.

3. Set up the links for the following:

- (a) A link with the label “Favorite Food” and a destination of `food.html`:
  
  
  
  
  
  
  
  
  
  
- (b) A link with the label “All the news...”, a destination of `http://nytimes.com`, and title “NYT”:
  
  
  
  
  
  
  
  
  
  
- (c) A link with the label “Map” and a destination of `directions.html` that pops up in a new window.

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

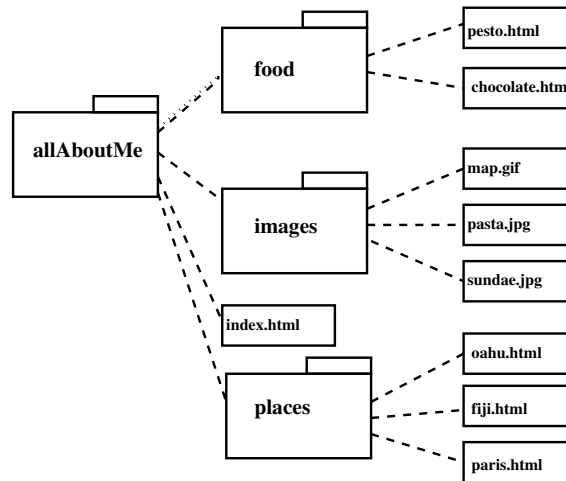
- (a) \_\_\_\_\_ ol
- (b) \_\_\_\_\_ h3
- (c) \_\_\_\_\_ img
- (d) \_\_\_\_\_ em
- (e) \_\_\_\_\_ blockquote

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>
```

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

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)

- (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! ...

8. Write the HTML to:

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

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

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

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>
```

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