Exam I
CIS 228: The Internet
Prof. St. John
Lehman College
City University of New York
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NAME (Printed) ________________________________
NAME (Signed) ________________________________
E-mail __________________________________________

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.

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(Purple version)
1. True or False:

(a) ___ Empty elements have no content.
(b) ___ You can’t place lists inside lists.
(c) ___ A domain name is a unique name that is used to identify a site.
(d) ___ To pop up a new window, you must have the target attribute set to "newWindow".
(e) ___ JPEG is a "lossless" format for presenting images.
(f) ___ Opening tags can have attributes.
(g) ___ Information about the web page goes into the <head> element.
(h) ___ The href attribute of the <a> element specifies the definition of the link.
(i) ___ You can only link to files in the same folder.
(j) ___ The elements <q> and <blockquote> do the same thing.

2. Answer in two sentences or less the following:

(a) What is an attribute?

(b) What is an empty element? Give an example.

3. Set up the links for the following:

(a) A link with the label “Find Us” and a destination of directions.html:

(b) A link with the label “Head First Labs” and a destination of http://www.headfirstlabs.com:

(c) A link with the label “Lounge” and a destination of index.html and a title of “An exciting new shop”.

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

(a) _____ a
(b) _____ em
(c) _____ h1
(d) _____ ul
(e) _____ img

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

```html
<p>
  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. Write the HTML that would display the following:

A poem from Emily Dickenson:

This is my letter to the world,
That never wrote to me,
The simple news that Nature told,
With tender majesty.

7. From the following elements found in the file index.html, draw a picture of the directories (folders) in the website. Indicate folders, files, and their relationships. Include the index.html file in your drawing:

```html
<img src="../images/pooh.gif" alt="Winnie-the-Pooh">
<img src="../images/roo.jpg" alt="Little Roo">
<img src="../images/cr.jpg" alt="Christopher Robin">
a href="../about/bio.html">More about A.A.
Milne</a>
a href="../about/map.gif">Map of the Forest</a>
a href="../books/house.html">The House at Pooh Corner</a>
a href="../books/young.html">When We Were Very Young</a>
```
8. Write the HTML to:
   (a) display the picture, logo.gif with dimensions 400 by 600 pixels:

   (b) links to allaboutme.html, using the image me_thumbnail.jpg as the label.

9. Write a COMPLETE webpage that lists your class schedule.
10. Modify the following page to be in strict HTML 4.01. Use the appropriate `<doctype>` and `<meta>` elements and fix non-compliant parts:

```html
<html>
  <head>
    <title>Head First Lounge</title>
  </head>
  <body>
    <h1>Welcome to the New and Improved Head First Lounge</h1>
    <p>
      <img src="images/drinks.gif">
    </p>
    <p>
      Join us any evening for refreshing
      <a href="beverages/elixir.html">elixirs</a>,
      conversation and maybe a game or two of
      <em>Dance Dance Revolution</em>. Wireless access is always provided;
      BYOWS (Bring Your Own Web Server).
    </p>
    <h2>Directions</h2>
    <p>
      You’ll find us right in the center of downtown Webville. If you need help finding us, check out our
      <a href="about/directions.html">detailed directions</a>. Come join us!
    </p>
  </body>
</html>
```