Exam I
CIS 228: The Internet
Prof. St. John
Lehman College
City University of New York
26 September 2007

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.**

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

(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:

```
<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:

```
<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>

  <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>
```