

Exam I  
CIS 228: The Internet  
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Lehman College  
City University of New York  
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NAME (Printed) ANSWER KEY  
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	

(Blue version)

1. True or False:

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

2. Answer in two sentences or less the following:

- 5 pts each
- (a) What is an empty element? Give an example.

It's an element with only an opening tag.  
For example, `<img>` or `<br>`

- (b) What is an attribute?

An attribute describes part of a tag. It has a name and value which are used by the element.  
For example, href is an attribute for the `<a>` element

3. Set up the links for the following:

- 3 pts
- (a) A link with the label "Directions" and a destination of `directions.html`:

```
<a href = "directions.html">Directions </a>
```

- 3 pts
- (b) A link with the label "Head First" and a destination of `http://www.headfirstlabs.com`:

```
<a href = "http://www.headfirstlabs.com" >Head First</a>
```

- 4 pts
- (c) A link with the label "Starbuzz" and a destination of `index.html` and a title of "An exciting new coffee shop".

```
<a href = "index.html"
  title = "title.html" >Starbuzz</a>
```

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

- (a) block h1
- (b) block ul
- (c) inline img
- (d) ~~inline~~ a
- (e) inline em

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>
```

Because I'm on a Segway, I wasn't able to  
bring a whole lot with me:

} 2 pts

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

} 3 pts

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

} 2 pts for para  
2 pts for quote

6. Write the HTML that would display the following quote:

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.

<p> A poem from Emily Dickenson: </p>

<blockquote>

    This is my letter to the world, <br>

    That never wrote to me, <br>

    The simple news that Nature told, <br>

    With tender majesty.

</blockquote>

← 2 pt for paragraph

← 2 4 pts for block quote

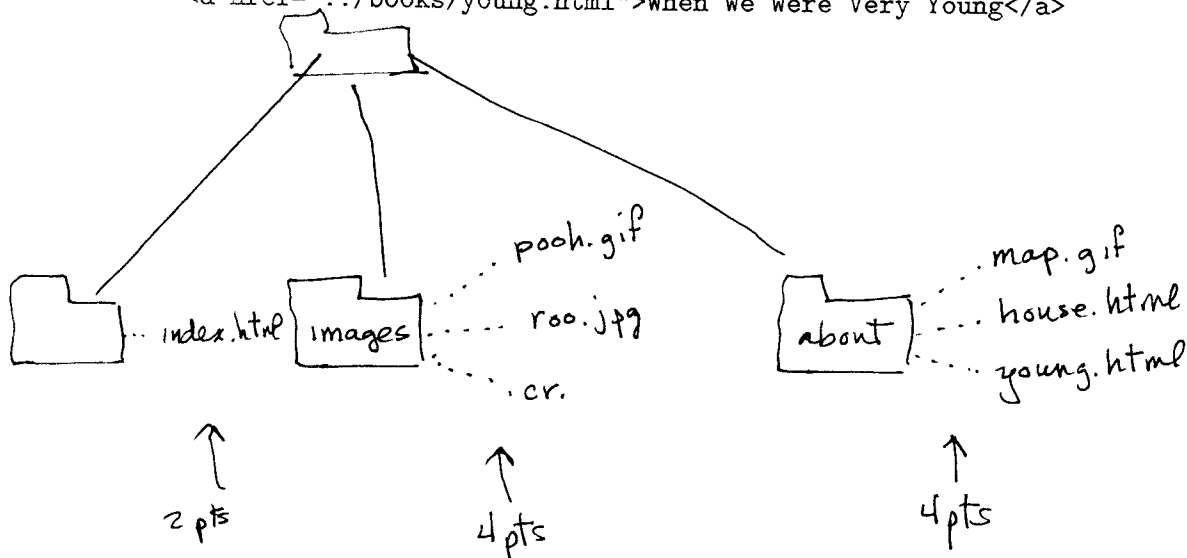
← 4 pts for correct line breaks

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:

```



<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) link to allaboutme.html, using the image me\_thumbnail.jpg as the label.

`<a href="allaboutme.html"></a>`

9. Write a COMPLETE webpage that lists your class schedule.

1 pt → `<html>`

3 pts { `<head>`  
`<title> My Class Schedule</title>`  
`</head>`

1 pt → `<body>`

2 pts → `<h1> My Schedule</h1>`

1 pt → `<p> For the Fall Semester, I have the following  
classes:`

3 pts { `<ul>`  
`<li> CIS 228 </li>`  
`<li> CHP 485 </li>`  
`</ul>`

`</p>`

`</body>`

`</html>`

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

4 pts  
4/8 pts

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML HTML 4.01//EN"
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
        <title>Head First Lounge</title>
    </head>
    <body>
        <h1>Welcome to the New and Improved Head First Lounge</h1>
        <p>
            
        </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>
```

alt="Drinks image" 2pts