Exam I
CIS 228: The Internet
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City University of New York
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NAME (Printed) ________________
NAME (Signed) __________________
E-mail _______________________

Answer Key

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.

<table>
<thead>
<tr>
<th>Question 1</th>
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<tbody>
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<td>Question 2</td>
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(Blue version)
1. True or False:

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

2. Answer in two sentences or less the following:

(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:

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

3 pts

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

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

3 pts

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

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

4 pts

```html
<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:

```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>
```

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. Write the HTML that would display the following quote:

A poem from Emily Dickinson:

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:

```html
<img src="logo.gif" width="400" height="600">
```

(b) links to allaboutme.html, using the image me.thumbnail.jpg as the label:

```html
<a href="allaboutme.html"><img src="me.thumbnail.jpg"></a>
```

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

```html
<html>
<head>
  <title>My Class Schedule</title>
</head>
<body>
  <h1>My Schedule</h1>
  <p>For the Fall Semester, I have the following classes:</p>
  <ul>
    <li>CIS 228</li>
    <li>CHP 485</li>
  </ul>
</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:

```html
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN"
"http://www.w3.org/TR/html4/strict.dtd">

<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>
<img src="images/drinks.gif" alt="Drinks image"
</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>
```