

Exam II  
CIS 228: The Internet  
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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.

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

(Orange exam)

1. True or False:

- (a) \_\_\_ In CSS, each property declaration ends with a semicolon.
- (b) \_\_\_ Only one font can be specified in any CSS rule.
- (c) \_\_\_ A font-family is a set of fonts that share a common characteristic.
- (d) \_\_\_ To change to a boldface font, you use the **font-weight** property in CSS.
- (e) \_\_\_ Pseudoclasses must be defined in your HTML file to be used.
- (f) \_\_\_ If you mix 100% red, 100% green, and 100% blue, you will get black.
- (g) \_\_\_ The span element is used to style in-line elements.
- (h) \_\_\_ The div element is used to style in-line elements.
- (i) \_\_\_ Tables are defined in rows, using the <tr> element.
- (j) \_\_\_ The <th> element can designate either row or column headings.

2. Answer in two sentences or less the following:

- (a) What does the padding property do? Give an example.

- (b) What does the margin property do? How does it differ from the padding property?

3. For each of the following, identify whether it would be done in HTML or CSS:

- (a) \_\_\_\_\_ include an image
- (b) \_\_\_\_\_ change the border around an image
- (c) \_\_\_\_\_ organize a table
- (d) \_\_\_\_\_ change the background color of table entries
- (e) \_\_\_\_\_ change text width

4. Fill in the following table with the corresponding decimal or hexcode representation of the number. For partial credit, show your work.

Decimal	Hexcode
6	
	#03
18	
	#b0
	#ee

5. Change the following HTML file to be in XHTML. Circle all changes needed and write in the changes:

```
<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!</p>
    <h2>Seattle, Washington</h2>
    <p>Me and my iPod in Seattle! You can see rain
      clouds and the Space Needle.
    </p>
    <p>
      <a href="html/seattle_med.html">
        
      </a>
      <a href="html/seattle_shuffle.html">
        
      </a>
    </p>
  </body>
</html>
```

6. Be the browser with the following HTML and CSS files. Draw the page and indicate any style (color, borders, etc) on your page:

**HTML:**

```
<html xmlns="http://www.w3.org/1999/xhtml"
  lang="en">
  <head>
    <title>Head First Lounge Elixirs</title>
    <link type="text/css" rel="stylesheet"
      href="../lounge.css" />
  </head>
  <body>
    <h1>Our Elixirs</h1>
    <h2>Green Tea Cooler</h2>
    <p class="greentea">
      This elixir combines the healthful benefits
      of green tea with a twist of chamomile
      blossoms and ginger root.
    </p>
    <h2>Raspberry Ice Concentration</h2>
    <p class="raspberry">
      Combining raspberry juice with lemon
      grass, citrus peel and rosehips, this icy
      drink will make your mind feel clear and
      crisp.
    </p>
    <h2>Blueberry Bliss Elixir</h2>
    <p class="blueberry">
      Blueberries and cherry essence mixed
      into a base of elderflower herb tea will put
      you in a relaxed state of bliss in no time.
    </p>
    <h2>Cranberry Antioxidant Blast</h2>
    <p>
      Wake up to the flavors of cranberry and
      hibiscus in this vitamin C rich elixir.
    </p>
    <p>
      <a href="../lounge.html">Back to the
      Lounge</a>
    </p>
  </body>
</html>
```

**CSS:**

```
body {
  font-family: sans-serif;
}
h1, h2 {
  color: gray;
}
h1 {
  border-bottom: 1px solid black;
}
p {
  color: maroon;
}
p.greentea {
  color: green;
}
p.raspberry {
  color: blue;
}
p.blueberry {
  color: purple;
}
```

7. Write a **complete** CSS style sheet that:

- uses a serif font throughout the page,
- the <h1> and <h2> headings should be in italics,
- images in the div with id **gallery** have no border, and
- creates a solid border around paragraphs.

8. Write the HTML code for the table with the following information:  
(No need to write any CSS rules or style sheets).

*RAND New York Sales Tax Rates reports sales tax rates for some counties & cities.*

<b>Area</b>	<b>Rate</b>	<b>Area</b>	<b>Rate</b>
New York State-only	4.00	Albany	8.50
Allegany	8.50	*Bronx see New York City	
*Brooklyn see New York City		Broome	8.00
*Nassau	0.62	*New York (Manhattan) see New York City	
*New York City	8.38	Niagara	8.00

9. Write the style sheet that will arrange the following page: the sidebar should be on the right side of the page, the image, photo1, should float left in the paragraph, and the footer to clear (i.e. not overlap) with other parts of the page.  
(Hint: Do not change any of the HTML code.)

```
<html>
<head>
  <title>Lehman E-News: Nov. 6</title>
  <link rel="stylesheet" type="text/css"
    href="../enews_style.css" />
</head>
<body>
  <div id="nav1">
    <ul>
      <li><a href="about.html">About Us</a></li>
      <li><a href="archives.html">Past Issues</a></li>
      <li><a href="subscribe.html">Subscribe</a></li>
    </ul>
  </div><!-- nav1 -->
  <div id="sidebar">
    <ul>
      <li><a href="feat_collins.html">
        
        Prof. Billy Collins Receives Literary Medal
      </a></li>
      <li><a href="feat_studyabroad.html">
        
        Annual Study-Abroad Fair Oct. 23
      </a></li>
    </ul>
  </div><!-- sidebar -->

  <div id="main">
    <h1>Features</h1>
    <p><id="photo1" img src="images_issue/walser.jpg"
      alt="Theresia Walser" /><br />
      <span class="caption">Theresia Walser</span>
    <p>Theresia Walser, one of Germany's most
      exciting young playwrights, will visit Lehman
      College Nov. 6 to discuss her recent work.</p>
  </div>
  <div id="footer">
    <p>Produced by the Department of
      <a href="about.html">Media Relations &
        Publications</a></p>
  </div><!-- footer -->
</body>
</html>
```

10. Write a **complete** HTML file **and** CSS file to display information about your favorite foods. The page should have a header, with title, and a footer with your contact information, as well as a sidebar with a short description of where you can find such foods (either a link to a restaurant or a recipe). The description of each food should include a title, a link, and a paragraph describing the food. They should occur one after the other in the page (i.e. “flow”) and each have a different background color. The sidebar should appear to the right of the food descriptions, and the footer should be at the bottom of the page, not overlapping any other section (i.e. it should “clear” all other sections).