

Exam II  
CIS 228: The Internet  
Prof. St. John  
Lehman College  
City University of New York  
7 November 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	

1. True or False:

- (a) \_\_\_ In CSS, each property declaration ends with an angled bracket “>”.
- (b) \_\_\_ If you mix 100% red, 100% green, and 100% blue you will get white.
- (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-bold** 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 white.
- (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 columns, using the <tc> 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) \_\_\_\_\_ link to another file
- (b) \_\_\_\_\_ change font color
- (c) \_\_\_\_\_ make a list
- (d) \_\_\_\_\_ make headings in a table
- (e) \_\_\_\_\_ make a link's color match the text color

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

Decimal	Hexcode
9	
	#04
21	
	#aa
	#ff

5. (a) Write the HTML line that specifies that the file `me.css` to be used as the style sheet:
- (b) Write the part of an HTML file that specifies that all fonts be blue. (Note: do this “in-line” and do not use a separate style sheet.)
6. Write a **complete** CSS style sheet that:
- uses a sans serif font throughout the page,
  - the `<h1>` and `<h2>` headings should be bold,
  - paragraphs in the class `onSale` have red writing, and
  - images in the `<div>` with id `gallery` have a silver border.

7. 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="caff">
      This elixir combines the healthful benefits
      of green tea with a twist of chamomile.
    </p>
    <h2>Raspberry Ice Concentration</h2>
    <p class="noCaff">
      Combining raspberry juice with lemon
      grass, citrus peel and rosehips, this icy
      drink will make your mind feel crisp.
    </p>
    <h2>Blueberry Bliss Elixir</h2>
    <p class="noCaff">
      Blueberries mixed into a base of elderflower
      herb tea will put you in a relaxed state.
    </p>
    <h2>Iced Black Tea Lemonade</h2>
    <p class = "caff">
      Wake up with our refreshing lemonade,
      with a black tea twist.
    </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: 1px dashed gray;
}
p {
  color: silver;
}
p.caff {
  color: red;
}
p.noCaff {
  color: blue;
}
```

8. Write the HTML code for the table with the following information **and** the CSS (style sheet):

Cong. Distr.	Democrat	D-pct	Republican	R-pct	Start	End	Pollster
IN-03	Michael Montagano	44%	Mark Souder*	42%	Oct 23	Oct 24	Howey-Gauge
KY-04	Michael Kelley	37%	Geoff Davis*	58%	Oct 26	Oct 27	SurveyUSA
MN-03	Ashwin Madia	44%	Erik Paulsen*	45%	Oct 26	Oct 27	SurveyUSA
OH-15	Mary Jo Kilroy	47%	Steve Stivers*	41%	Oct 25	Oct 26	SurveyUSA

(Note that the background color for Kelley and Stivers is gray, for Davis is red, for Kilroy is blue, and for all other candidates is white.)

**HTML:**

**CSS:**

9. Write the style sheet (space provided for answer on following page) that will arrange the following page:

- the side panel should float on the right side of the page,
- the images inside the main body should have gray borders (while images elsewhere should have the default of no borders), and
- the footer to clear (i.e. not overlap) with other parts of the page.

(Hint: Do not change any of the HTML code.)

```
<head>
  <title>Lehman College: About Lehman</title>
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8"/>
</head>
<body>
  <div id="navBar">
    <script type="text/javascript" language="JavaScript1.2"
      src="http://www.lehman.edu/lehman/includes/home/lehman-menu.js"></script>
  </div>
  <div id="photoSpace">
    
  </div>
  <div id="panelA">
    <ul>
      <li><a href="registrar/acad_calendar_direct.html">Academic Calendar</a></li>
      <li><a href="campusevents/index.html">Events Calendar </a></li>
      <li><a href="lehman/sitemap/">Site Map</a></li>
    </ul>
  </div>
  <div id="sidePanel">
    <h3>"About Lehman" Links</h3>
    <ul>
      <li><a href="about/administration.html">Administration</a></li>
      <li><a href="admin/hours.html">Administrative Office Hours</a></li>
      <li><a href="bronxjournal/TheBronxJournalSpring2008.pdf">The Bronx Journal</a></li>
    </ul>
  </div>
  <div id="mainBody">
    <h1>Directions to Lehman</h1>
    <br />
    <p><a href="http://maps.google.com/maps?f=q&hl=en&geocode=&q=250+Bedford+Park+Boulevard+West,+Bronx,+NY++10468-1589&">View Larger Map</a></p>
    <p>Lehman College is located on Bedford Park Boulevard West and Goulden Avenue in a residential area in the northwest Bronx, south of Van Cortlandt Park and west of the New York Botanical Garden-near the border of Westchester County. The 37-acre campus is situated between the Kingsbridge and Bedford Park neighborhoods, along the historic Jerome Park Reservoir. </p>
  </div>
  <div id="footer">
    Lehman College 250 Bedford Park Boulevard West, Bronx, NY 10468-1589 <br />
    <a href="http://portal.cuny.edu/portal/site/cuny">Lehman is CUNY</a>
  </div>
</body>
</html>
```

(Answer space for 9:)

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).