

Exam II
CIS 228: The Internet
Prof. St. John
Lehman College
City University of New York
5 November 2009

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, all properties and values in a rule go between < > brackets.
- (b) ___ The format **#name** is used to select any elements that belong to a class.
- (c) ___ An element can belong to at most one class.
- (d) ___ If you mix 0% red, 0% green, and 0% blue you will get black.
- (e) ___ Pseudoclasses must be defined in your HTML file to be used.
- (f) ___ The **span** element is used to style images only.
- (g) ___ The **border** property both control the amount of space around an element.
- (h) ___ Tables are defined in rows, using the <tr> element.
- (i) ___ The <th> element can only designate column headings.
- (j) ___ Every form must have a **select** element.

2. Answer in two sentences or less the following:

- (a) What does the **style** element do? Give an example.

- (b) What does **link** element do? How does it differ from the **style** element?

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

- (a) _____ use sans-serif fonts
- (b) _____ make a link's color red
- (c) _____ increase the margin around an element
- (d) _____ create an unordered list
- (e) _____ change the font color of the page
- (f) _____ change the bullets (or markers) for a list
- (g) _____ create a table inside a table
- (h) _____ create a link
- (i) _____ include contact information on a page
- (j) _____ set up a radio buttons

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

Decimal	Hexcode
14	
	#14
33	
	#ab
254	

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

- uses a cursive font throughout the page,
- has blue <h1> and <h2> headings that have a purple dashed bottom border,
- visited links are blue, and
- images **inside a p element** have solid silver thin borders.

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>Favorite Artists</title>
    <link type="text/css" rel="stylesheet"
      href="artists.css" />
  </head>
  <body>
    <h1>My Favorite Artists</h1>
    <div id="sidebar"> <h2>Museums</h2>
    <ul>
      <li><a href="http://www.okeeffemuseum.org">O'Keefe
        Museum</a></li>
      <li><a href="http://www.moma.org">Museum of
        Modern Art</a></li>
    </ul>
  </div>
  <div id="georgia"> <h2>Georgia O'Keefe</h2>
  <p> </p>
  <p>American Painter, 1887-1986. </p>
  </div>
  <div id="jasper">
  <h2>Jasper Johns</h2>
  <p></p>
  <p>American Painter and Printmaker, born 1930.</p>
  </div>
  <div id="footer">
  <p>Katherine St. John,
    <span class="email">stjohn@lehman.cuny.edu</span>
  </p>
  </div>
</body>
</html>
```

CSS:

```
img {
  border: solid black 2px;
  padding: 15px;
  margin: 10px;
}
#sidebar {
  width: 200px;
  float: right;
  border: 4px solid #eeeeee;
}
#footer {
  clear: both;
  font-size: small;
  text-align: center;
}
#georgia {
  color: #ee0000;
  width: 400px;
  border: #ee0000 dotted 1px;
}
#jasper {
  color: #0000ee;
  width: 400px;
  border: #0000ee dotted 1px;
}
.email {
  font-family: Courier,monospace;
}
```

7. Write the HTML that does the following for a form:

(a) sets up the web application to be `http://hflabs.com/pizza.php` and uses the POST method:

(b) makes a text box where a name can be entered:

(c) allows the user to crust for their pizza order from `thin`, `deep dish`, `cheese crust` (allow only one element to be selected):

(d) makes a drop-down menu with a choice of: "Delivery," "Take Away," or "Eat In."

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

(Hint: Remember to align the text for each cell, borders and caption.)

Lehman College: Total Enrollment

	Undergraduate	Graduate	Total
Fall 2007	8,864	2,058	10,922
Fall 2008	9,570	2,291	11,861

HTML:

CSS:

9. Write the style sheet that will arrange the following page:

- the overall left and right margins of the page should be 75 pixels,
- the nav section have a fixed position on the upper left hand side,
- list items should have no left margins,
- the text should be centered in the main section of the page, and
- the footer should clear both sections.

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

```
<html>
<head>
<title>Lehman College: Division of Natural & Social Sciences</title>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<link rel="stylesheet" type="text/css" href="../../css/natural_social.css" />
</head>
<body>
<div id="nav">
  <ul class="division">
    <li><a href="index.html">home</a></li>
    <li><a href="departments.html">departments and programs</a></li>
    <li><a href="http://www.sigmaxi.org">sigma xi honor society</a></li>
    <li><a href="http://www.lehman.edu">lehman home</a></li>
  </ul>
</div>
<div id="main">
  <p></p>
  <ul>
    <li><a href="advancing.html">Advancing Science at Lehman College</a></li>
  </ul>
  <p class="update">Updated: 11/03/2009</p>
</div>
<div id="footer">
  302 Shuster Hall, 250 Bedford Park Blvd. West, Bronx, NY 10468
</div>
</body>
</html>
```

10. Write a **complete** HTML file **and** CSS file to display information about two people you admire. The page should have a header, with title, and a footer with your contact information. The information about the two people should be displayed side by side. Each should include a title, an image, and a paragraph describing them. The text in header and footer sections should be centered. All sections of the page should be surrounded by padding and a border.

HTML:

CSS: