

Sample Exam 2 (Version 1)
CIS 228: The Internet
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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.

1. True or False:

- (a) ___ XHTML and HTML looks identical.
- (b) ___ In CSS, each property declaration ends with a semicolon.
- (c) ___ An element can belong to more than one class.
- (d) ___ You can validate CSS files, in the same way you validate HTML and XHTML files.
- (e) ___ Only one font can be specified in any CSS rule.
- (f) ___ If you mix 100% red, 100% green, and 100% blue you will get black.
- (g) ___ A font-family is a set of fonts that share a common characteristic.
- (h) ___ % and em specify absolute font sizes.
- (i) ___ CSS uses a box model to control how elements are displayed.
- (j) ___ Tables are defined in columns, using the <tc> element.

2. Answer in two sentences or less the following:

- (a) What is a caption in table? Give an example.

- (b) What is a summary in a table? How does it differ from a caption?

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

- (a) _____ specify the width of an element
- (b) _____ organize table data
- (c) _____ “float” an element
- (d) _____ change text color
- (e) _____ change text alignment in a table

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

Decimal	Hexcode
10	
	#10
30	
	#a0
	#bc

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

```
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
    <title>Starbuzz Coffee</title>
    <link rel="stylesheet" type="text/css" href="starbuzz.css">
  </head>

  <body>
    <div id="header">
      

    </div>

    <div id="main">
      <h1>QUALITY COFFEE, QUALITY CAFFEINE</h1>
      <p>
        At Starbuzz Coffee, we are dedicated to filling all your
        caffeine needs through our quality coffees and teas. Sure,
        we want you to have a great cup of coffee and a great
        coffee experience as well, but we're the only company
        that actively monitors and optimizes caffeine levels.
      </p>
    </div>
  </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>
  <head>
    <head>
      <title>My Trip on a Segway</title>
      <link type="text/css" rel="stylesheet"
            href="journal.css" />
    </head>
  <body>
    <h1>Segway'n USA</h1>
    <p>Documenting my trip!</p>
    <h2>August 20, 2005</h2>
    <p></p>
    <p>I passed through: </p>
    <ol>
      <li>Walla Walla, WA</li>
      <li>Magic City, ID</li>
      <li>Bountiful, UT</li>
      <li>Last Chance, CO</li>
      <li>Truth or Consequences, NM</li>
      <li>Why, AZ</li>
    </ol>
    <h2>July 14, 2005</h2>
    <p>I saw some signs:</p>
    <blockquote>
      Passing cars, <br />
      When you can't see, <br />
      May get you, <br />
      A glimpse, <br />
      Of eternity. <br />
    </blockquote>
    <p>I won't be passing any cars.</p>
  </html>
```

CSS:

```
body {
  font-family: Verdana, Geneva,
               Arial, sans-serif;
  font-size:   small;
}
h1, h2 {
  font-weight: normal;
  color:       blue;
  border-bottom: thin dotted #888888;
}
h1 {
  font-size: 170\%;
}
h2 {
  font-size: 130\%;
}
blockquote {
  font-style: italic;
}
li {
  list-style-type: square;
}
```

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

- use sans-serif font throughout the page,
- color headings blue,
- color paragraph text gray,
- except for paragraphs in the **sale** class which should have red text, and
- create a dotted border around images

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

Departing Flights from New York (JFK) to San Juan, Puerto Rico (SJU):

Flight 701	\$349.00	Wed, 07 Nov 07	6:55 AM 11:54 AM	Depart Arrive	JFK SJU
Flight 711	\$349.00	Wed, 07 Nov 07	8:40 AM 1:40 PM	Depart Arrive	JFK SJU
Flight 705	\$349.00	Wed, 07 Nov 07	10:30 AM 3:19 PM	Depart Arrive	JFK SJU

9. Write the style sheet that will arrange the following page to have the menu “floating” on the left:
(Hint: Do not change any of the HTML code.)

```
<html>
  <head>
    <title>CIS Cafe</title>
    <link type="text/css" rel="stylesheet"
          href="cafe.css" />
  </head>
  <body>
    <div id="header">
      <h1>CIS Cafe</h1>
    </div>
    <div id="menu">
      <h2>The Daily Menu</h2>
      <!-- lists the specials-->
    </div>
    <div id="main">
      <h2>Welcome!</h2>
      <!-- describes the cafe-->
    </div>
    <div id="footer">
      Located in Gillet Hall, Open Daily!
    </div>
  </body>
</html>
```

10. Write a **complete** HTML file **and** CSS file to display two places you would like to visit. The page should have a header, with title, and a footer with your contact information. The two places should be displayed side by side. Each should include a title, an image, and a paragraph describing the place.

HTML:

CSS: