44-563 Developing Web Applications and Services Fall 2014

Exam 1 Version 1

The actual exam will have 50 questions, each worth 2 points.

1. The <title> tag is contained inside which tag?

A. <head>

B. <body>

1. The text in an <h2> tag is displayed in a larger size font than the text in an <h4> tag.

A. True

B. False

1. The HTML tag for a paragraph is

A. <par>

B. <p>

C. <pg>

1. Which type of list uses bullets?

A. <ol>

B. <ul>

1. The tag used to link to another web page is

A. <li>

B. <a>

C. <page>

D. <p>

1. The <img> tag uses which of the following attributes?

A. href

B. src

1. To assign an id to a word contained in a paragraph so we can style it, we use which tag?
2. <li>
3. <td>
4. <span>
5. To assign an id to a section of a web page so we can style it, we use which tag?

A. <th>

B. <div>

C. <s>

1. To create a dropdown list in a web page, we use which of the following tags?

A. <ul>

B. <dropdown>

C. <select>

1. The items in a dropdown list are included in what tag?

A. <option>

B. <choice>

C. <item>

1. HTML5 has a tag for including audio in a web page.

A. True

B. False

1. The content of a web page is specified using

A. CSS

B. HTML

C. JavaScript

1. A Cascading Style Sheet file can only be used with a single web page.

A. True

B. False

1. Responsive web design uses what type of sizes?

A. Absolute

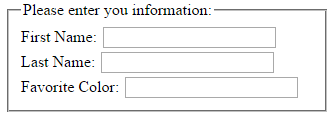
B. Relative

1. JavaScript is a subset of Java.

A. True

B. False

1. Assume an HTML paragraph has id="exam1". To replace the contents of the paragraph with the string "Good grade!" using JavaScript, we write  
   document.getElementById("exam1").\_\_\_\_\_\_\_\_\_\_ = "Good Grade!";
   1. innerHTML
   2. HTML
   3. <p>
2. Assume a paragraph in a web page has id="exam1". To change the color of the text in the paragraph to blue using JavaScript, we write  
   document.getElementById("exam1").\_\_\_\_\_\_\_\_\_\_\_\_ = "blue";
   1. color
   2. text.color
   3. style.color
3. In JavaScript, consider a variable *pi* that has been assigned 3.14 as its value. To convert the number to a fixed point number with exactly one digit after the decimal point, we write pi.\_\_\_\_\_\_\_\_\_\_\_\_
   1. decimal(1)
   2. toFixed(1)
   3. fixed(1)
4. Assume we are using this media query in CSS:  
   @media all and (min-width:400px) { h2 { color:red; }}  
   Assume this is the entire CSS file. If the browser window is 500px wide, h2 headers are displayed in what color?
   1. black
   2. red
5. What value is assigned to the variable x in the following JavaScript code?  
   var x = (3 > 2) ? "hi" : "bye";
   1. "hi"
   2. "bye"
   3. Neither of the above.
6. When using a flexible grid in responsive web design, to center a <div>, we use \_\_\_\_\_\_\_\_\_:auto
   1. border
   2. <div>
   3. margin
   4. column
7. Assume a web page contains one or more elements that have class="44563WebDev". To display all of these elements in orange, we use which of the following?
   1. .hello { color: orange; }
   2. #hello { color: orange; }
   3. hello { color: orange; }
8. Which of the following is legal JavaScript code to declare and initialize an array?
   1. var a[] = [5,8];
   2. var a = {5,8};
   3. var a = [5, 8];
   4. var a[] = {5,8};
9. Consider the screenshot and code below:



<form>

**<missing tag here>**

<legend>Please enter you information:</legend>

First Name: <input type="text"><br>

Last Name: <input type="text"><br>

Favorite Color: <input type="text">

**</missing tag here>**

</form>

What tags are missing?

* 1. <body>, </body>
  2. <html>, </html>
  3. <fieldset>, </fieldset>
  4. <frame>, </frame>