CIS 228 (Spring 2013) Exam 2, 4/25/13

Name (sign) Name (print) email

Question	Score
1	
2	
3	
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10	
TOTAL	

True or false:

- ____ *Only* one font can be named in a CSS font-family rule.
- _____ The margin property defines the space *inside* the border of selected elements.
- ____ The color rgb(0%, 0%, 50%) is a shade of blue.
- ____ The **span** element *is* a block element used to group other block elements.
- _____ Table heading, **th**, elements *can* be used to define row or column headings.
- _____ Table data, **td**, elements *can* contain **table** elements.
- _____ If floated at all, **aside** elements can *only* be floated to the right.
- A form element *cannot* contain a section element.
 - _____ Multiple checkbox values *can* be selected for the same name .
- _____ By default, a **caption** element *is* displayed below the table it describes.

For each of the following, identify whether is would be done in HTML or CSS.
Cause the inline content of footer elements to be centered.
Create a hyperlink to a web page.
Specify the color to be used for the text inside a form element.
Group consecutive block elements so that they can be styled as a unit.
Make column headings in a table.
Cause an aside element to "float" to the right edge of a browser window.
Specify that the bullets of list elements of a ul element should be squares.
Determine the size of characters to be used inside a blockquote on a web page.
Specify the number of rows and columns of a textarea element on a form.
Specify that the borders around the cells in a table be fused together.

Indicate which of the following identifiers is the name of

- C an HTML character entity,
- E an HTML element,
- A an HTML attribute, or
- \boldsymbol{P} a CSS property.
- (Hint: some may get more than one letter.)

____ caption

____ &

- ____ href
- ____ title
- ____ color
- ____ name
- ____ width

____ header

____ id

____ meta

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Fill in the blanks with the name of an HTML element that could be an immediate child of the element named on its right and could be the immediate parent of the element on its left. Put an X in any blank that no element could fit.

Example: _	<u>html</u>	body	p	img	X
	a				
		_ th			
	article _		em		_
		_ optio	n		
	blockquot	e		li	
				link	
		_ capti	ion		
	tr			tr	

The following diagram indicated the layout of a collection of files and directories (folders).

```
ROOT

--style.css

--hire.php

--IMAGES

--pillow.png

--duck.jpg

--PERSONEL
```

A) In the head element of hiring.html, attach the style.css style sheet.

B) In style.css, write a rule that sets the background image of hiring.html to pillow.png.

C) In hiring.html, write the opening tag of a **form** element that will use the POST method to submit the filled out form content to the hire.php application.

D) In style.css, write a rule that uses duck.jpg for bullets of list items in hiring.html.

E) In style.css, write a rule that floats any form elements to the right side of the page.

Give the specificity triples for the following CSS selectors and describe what content would be affected if the selector replaced the blank in the following rule. (Also, indicate the order of specificity of the selectors at the top of this page.)

_____ { color : red ; }

a) **h3**

b) blockquote ul p

- c) p.legal
- d) #warrantee
- e) article.deed p.title
- f) em em
- g) section#witness div.expert a:visited
- h) **blockquote**#defendant > **ol table**
- i) article.petition h2.whereas + p
- j) **div**#contract **footer p**.fineprint:hover

Write a complete HTML 5 (standards compliant) document that corresponds to the following DOM tree:

html head meta charset="utf-8" title TODO Today body h2 shopping ol li soap li supplies ul li pencils li pens li radio

Write the HTML 5 fragment to create the following table. (Don't worry about styling it.)

Address book						
Name Email		Phone				
Brown, John	jbrown@hf.com	(824) 455-1248				
Douglass, Fred	fd@liborator.edu	(287) 949-2328				

Create a registration form for a student conference. The form will be processed by the "/scripts/register.php" application at the "www.conferences.com" domain. Remember that the browser will transform a completed form into a sequence of name-value pairs and send them to the application. The names for this form are listed in **boldface** and described below. You don't need to specify a complete web-page, just the form. You also shouldn't worry about styling the form. But, do make sure that the user has enough information to fill out the form. Remember to include a button to submit the form.

name: one line of text.

address: space for 3 lines of text 60 columns wide.

year: either "junior" or "senior" (use a menu).

days[]: zero or more of: "Saturday" and "Sunday".

meals: exactly one of "lunch" or "dinner" (don't use a menu).

The next page contains a **poem.html** document. Do not change the html. Create a complete style sheet (**poem.css** file) on the next page to achieve the following:

a) Set the default font size to large and the default font to be Comic Sans.

b) Float the whole poem on the **right** with a width of **300** picture elements.

c) Surround the poem with a **dotted red** border **4** picture elements wide.

d) Set the background and foreground colors for the poem to be yellow and #770000.

e) Use the Times New Roman font for the poem text.

f) Center the poem's title and subtitle.

g) Have "Hegel" in the subtitle element display in the normal font style.

- h) Align the text of the author element on the right.
- i) Make sure the poem does not overlap the footer.
- j) Set the size of the text in the footer to be three quarters the size of the normal text.

```
<html>
 <head>
   <title>Roaming</title>
    <meta charset="utf-8>
   <link type="text/css" rel="stylesleet" href="poem.css">
 </head>
 <body>
   <h2>Dialectics</h2>
   <aside id="poem">
    ROAMING IN THOUGHT
    (<em>After reading <em>Hegel</em>.</em>)
     Roaming in thought over the Universe, I saw the little the is<br>
   Good steadily hastening towards immortality,<br>
And the vast all that is call'd Evil I saw hastening to merge itself
<br>
   and become lost and dead.
     Walt Whitman
   </aside>
  <section>Lots of other stuff goes here.</section>
  <footer>From the <em>Leaves of Grass</em> by Walt Whitman</footer>
 </body>
</html>
```