

CIS 228 (Spring 2013)

Exam 2, 4/25/13

Name (sign) _____

Name (print) _____

email _____

Question	Score
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
TOTAL	

Question 1

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.

Question 2

For each of the following, identify whether it 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.

Question 3

Indicate which of the following identifiers is the name of

C – an HTML character entity,

E – an HTML element,

A – an HTML attribute, or

P – a CSS property.

(Hint: some may get more than one letter.)

___ caption

___ &

___ href

___ title

___ color

___ name

___ width

___ header

___ id

___ meta

Question 4

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: html body p img X

 a

 th

 article em

 option

 blockquote li

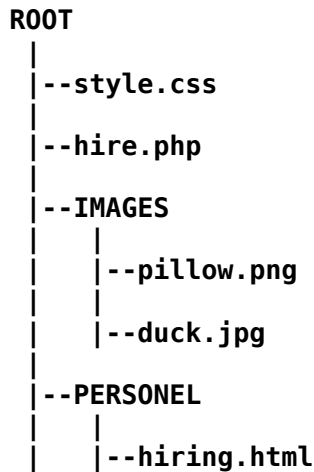
 link

 caption

 tr tr

Question 5

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



- 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.

Question 6

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**

Question 7

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
```


Question 8

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

Question 9

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).

