

Feedback — HW5 Quiz: CSS

You submitted this quiz on **Fri 26 Jul 2013 8:40 AM SGT (UTC +0800)**. You got a score of **11.80** out of **12.00**. You can [attempt again](#), if you'd like.

Question 1

General CSS Questions

This interactive quiz is meant to get into CSS in a little more detail, expanding on our high level treatment in Lecture 6. First, skim the Mozilla documentation on [CSS](#) and keep it open in a separate tab.

Now to the first question: What is the purpose of Cascading Style Sheets (CSS)? (Hint: see [here](#)).

Your Answer	Score	Explanation
<input checked="" type="radio"/> To separate a document's styling/appearance from informational content	✓ 1.00	
<input type="radio"/> To provide a basic skeleton for page structure		
<input type="radio"/> To create an alternative language for those who do not like Javascript		
<input type="radio"/> To provide a full language for handling user events and clicks on a page		
<input type="radio"/> To handle the cascade method of styling a page, as opposed to the iterative method		
Total	1.00 / 1.00	

Question 2

Which statements describe the CSS box model? (Hint: see [here](#), [here](#), and [here](#)).

Your Answer	Score	Explanation
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<input checked="" type="checkbox"/> It is the model that describes the content of the space taken by an element in an HTML page	✓	0.20
<input type="checkbox"/> It is now deprecated in favor of WebGL for 3D layouts	✓	0.20
<input type="checkbox"/> It is used to enclose website code in a sandbox so that it cannot affect the system	✓	0.20
<input checked="" type="checkbox"/> It was historically implemented differently in the Internet Explorer family of browsers (see here)	✓	0.20
<input checked="" type="checkbox"/> By changing the values of box-model-related properties we can achieve 2D layouts of HTML elements on a webpage	✓	0.20
Total		1.00 / 1.00

Question 3

Which statements are accurate about why CSS inheritance is useful? (See [here](#) and [here](#))

Your Answer	Score	Explanation
<input checked="" type="checkbox"/> It allows you to specify a style once and have it apply to all children of an element.	✓ 0.20	
<input checked="" type="checkbox"/> The inheritance cascade is a systematic way to determine which of several possible styles applies to an element	✓ 0.20	
<input checked="" type="checkbox"/> It reduces the amount of redundancy in a CSS file	✓ 0.20	
<input type="checkbox"/> It allows you to leave out HTML elements from a page, implicitly specifying them via CSS inheritance	✓ 0.20	
<input type="checkbox"/> It is an alternative to Javascript's prototypal model	✓ 0.20	
Total		1.00 / 1.00

Question 4

What is a CSS selector? (Hint: see [here](#)).

Your Answer	Score	Explanation
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<input checked="" type="radio"/> The part of a CSS rule that specifies exactly which DOM element(s) the CSS rule applies to.	✓ 1.00
<input type="radio"/> A string that must always start with a period or hash (#)	
<input type="radio"/> Another term for a CSS rule.	
<input type="radio"/> A special CSS term for class or id attributes.	
<input type="radio"/> A term which should only be used for tag selectors	
Total	1.00 / 1.00

Question 5

In the CSS box model, what is the difference between margins and padding? (Hint: see [here](#)).

Your Answer	Score	Explanation
<input checked="" type="radio"/> The margin specifies the space between elements, while the padding is the space between the content of an element and its border	✓ 1.00	
<input type="radio"/> Only the padding is really useful for layout purposes		
<input type="radio"/> The padding specifies the space between elements, while the margin is the space between the content of an element and its border		
<input type="radio"/> They are synonyms		
<input type="radio"/> They are different ways to achieve the same outcome		
Total	1.00 / 1.00	

Question 6

Which of the following are ways that CSS rules can be included in a webpage? (Hint: see [here](#), [here](#), and [here](#)).

Your Answer	Score	Explanation
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<input type="checkbox"/> Embedding CSS via <style> elements	✗	0.00
<input checked="" type="checkbox"/> CSS rules can be applied dynamically after the page loads by Javascript, via JQuery's css method	✓	0.20
<input checked="" type="checkbox"/> Inline CSS via style attributes	✓	0.20
<input checked="" type="checkbox"/> External CSS via <link> elements	✓	0.20
<input checked="" type="checkbox"/> Importing CSS via the @import rule	✓	0.20
Total		0.80 / 1.00

Question 7

What is a CSS reset? (Hint: see [here](#)).

Your Answer	Score	Explanation
<input checked="" type="radio"/> A CSS style file imported before other styles are applied, which overrides browser defaults and imposes the same starting font sizes, margins, and the like	✓ 1.00	
<input type="radio"/> A Bootstrap CSS widget that styles reset and power-off buttons		
<input type="radio"/> A way to reinitialize all JS variables in the page with CSS		
<input type="radio"/> A power management feature for mobile devices that resets a phone if a page is viewed for too long		
<input type="radio"/> A once-popular technique that is no longer included within CSS frameworks like Bootstrap		
Total	1.00 / 1.00	

Question 8

The [HTML DOM API](#) suggests that it is useful to conceptualize a webpage's structure as a tree or [grove](#) (i.e. a collections of tree). While this maps well to a huge [online book](#) with a linear hierarchy of nested chapters and subchapters, how do documents that visually correspond to

layouts of 2D rectangles fit into this conceptual framework? (Hint: see [here](#) and [here](#))

Your Answer	Score	Explanation
<input checked="" type="radio"/> CSS rules are used to specify the margins, padding, position, display, floating, and other characteristics of HTML elements.	✓ 1.00	
<input type="radio"/> A non-JS plugin such as Flash is used to accomplish 2D layouts		
<input type="radio"/> A separate set of HTML tags is used to lay out 2D pages		
<input type="radio"/> 2D layout is accomplished via Javascript after the 1D page layout is completed		
<input type="radio"/> A special 2D DOM API is used to manipulate elements in 2D pages		
Total	1.00 / 1.00	

Question 9

Questions on a Specific CSS Code Snippet

Read [this section](#) and then consider the following code:

```
strong { color: red; }  
.lead { font-size: 14px; font-weight: bold; }  
#special { display: block; background-color: yellow; }
```

First question: which of the following corresponds to a CSS rule in the above CSS snippet?

Your Answer	Score	Explanation
<input checked="" type="radio"/> strong { color: red; }	✓ 1.00	
<input type="radio"/> #special		
<input type="radio"/> strong		
<input type="radio"/> color		
<input type="radio"/> .lead		

Total

1.00 / 1.00

Question 10

Which of the following corresponds to a CSS class in the above CSS snippet?

Your Answer	Score	Explanation
<input type="radio"/> strong { color: red; }		
<input type="radio"/> #special		
<input type="radio"/> strong		
<input type="radio"/> color		
<input checked="" type="radio"/> .lead	✓ 1.00	
Total	1.00 / 1.00	

Question 11

Which of the following corresponds to a CSS id in the above CSS snippet?

Your Answer	Score	Explanation
<input type="radio"/> strong { color: red; }		
<input checked="" type="radio"/> #special	✓ 1.00	
<input type="radio"/> strong		
<input type="radio"/> color		
<input type="radio"/> .lead		
Total	1.00 / 1.00	

Question 12

Which of the following corresponds to a CSS property in the above CSS snippet?

Your Answer	Score	Explanation
<input type="radio"/> strong { color: red; }		
<input type="radio"/> #special		
<input type="radio"/> strong		
<input checked="" type="radio"/> color	✓ 1.00	
<input type="radio"/> .lead		
Total	1.00 / 1.00	