Solutions to Quick Checks

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# Quick Check Answers

Quick Check 1

1. What is a Content Delivery Network (CDN)?

Content Delivery Network (CDN) is a web server that hosts open-source software and is optimized for quick delivery of that software.

**Feedback**: The jQuery library can be linked to its location on a CDN so that users do not have to place a copy of the library file on their own computer.

1. Provide a jQuery selector that selects all articles of the story class that are descendants of the aside element.

$("aside article.story")

**Feedback**: Use the $(*selector*) expression with *selector* entered as a text string (in quotes) matching a CSS selector pattern.

1. Provide a jQuery expression that selects the sibling elements prior to the aside element with the id “sidebar”.

$("aside#sidebar").prev()

**Feedback:** Use the prev() method to match sibling element prior to the selected elements.

1. What jQuery method can be used to enclose selected elements within a specified HTML code string?

$(*selector*).wrap(*html*);

**Feedback**: The wrap() method wraps HTML structure around the selected elements.

1. Provide jQuery code to run a handler function to response to the mouse pointer entering into an inline image belonging to the “photos” class.

$("img.photos").mouseenter(*handler*)

**Feedback**: Apply the mouseenter() method to the selected elements in order to respond to the mouseenter event.

Quick Check 2

1. What are two easing values used by jQuery effects?

swing and linear

**Feedback**: The swing easing is the default, in which the changes are slower at the beginning and at the end, but faster in the middle. In linear easing, changes occur at a constant rate.

1. Provide jQuery code to slide up the article#main element over a half-second interval, followed by a fade out over another half-second interval.

$("article#main")  
.slideUp(500)  
.fadeOut(500)

**Feedback:** Use the slideUp() method for an effect in which the selected elements appear to slide up in their container; use the fadeOut() method to gradually fade out the contents of the selected elements.

1. Provide jQuery code to change the font size of the article#main element from an initial value of 1em to a final value of 1.4em over a 2-second interval.

$("article#main")  
.css({  
 fontSize: "1em"  
})  
.animate({  
 fontSize: "1.4em"  
}, 2000);

**Feedback:** Use the css() method to set the initial font size using the fontSize property. Use the animate() method to set the final font size.

1. What jQuery method is used to stop an animation and move all queued animations to their final state?

finish()

**Feedback:** The finish() method stops the current animation and removes all queued animations, setting the selected elements to their end state.

1. What is jQuery UI?

jQuery UI is a jQuery plugin that expands the functionality of jQuery with a large collection of functions and methods for creating specialized user interfaces.

**Feedback**: jQuery UI provides another collection of tools for creating animations, special effects, and widgets that can be used in conjunction with jQuery and JavaScript.