

QUIZ

Based on the code below, what will happen when a user clicks on an element with the class `example-class`?

```
$('.example-class').on('click', () => {  
  $('.example-class').css({  
    backgroundColor: 'red',  
    opacity: '0.5'  
  })  
});
```

Nothing.

The element's background color will turn red and the opacity of it will become 0.5.



The `.css()` method accepts an object containing key/value pairs that represent CSS property/value pairs. The pairs in this code turn the element's background color to red and the opacity of the element to .5

The element will disappear.

Which of the following adds the `active` CSS class to an element selected with jQuery?

```
$('.example-class').addClass('active');
```



You can call `.addClass()` on any jQuery selector. Here it is called on elements with a class of 'example-class'. `.addClass()` accepts the name of a CSS class as an argument Here the class is 'active'.

```
$('.example-class').toggleClass('active');
```

```
('example-class').addClass('active');
```

What does `'fast'` do in the code below?

```
$('.example-class').animate({  
  height: '100px',  
  width : '100px',  
  borderWidth : '10px'  
}, 'fast');
```

It is the element on which the `.animate()` method is called.

It is a jQuery method to control the speed of functions.

It is an argument of the `.animate()` method and specifies how long the animation takes to complete.



The second parameter of the `.animate()` method determines how long the animation takes to complete. `'fast'`, takes 200 milliseconds to complete the animation.

Which of the answers below is a valid input to the `.css()` method?

```
Var object =  
  color: '#FFFFFF',  
  backgroundColor: '#000000',  
  fontSize: '20px'
```

```
{  
  color: '#FFFFFF',  
  backgroundColor: '#000000',  
  fontSize: '20px'  
}
```



The jQuery `css` method is able to change multiple CSS values at once by accepting an object with key/value pairs. An object is wrapped by opening and closing curly braces: `{}`. Inside the object, there are three... [Show more](#)

Which of the following methods will add a class if an element does not already have it, and will remove it if an element does already have it?

`.addClass()`

`.removeClass()`

`.switchClass()`

`.toggleClass()`



`.toggleClass()` will add a class if an element does not already have it, and will remove it if an element does already have it

Which of the following would be an acceptable syntax for using jQuery to modify the CSS color property of an element?

```
'example-class'.css('color', '#FFFFFF');
```

```
('example-class').css(color, #FFFFFF);
```

```
$.css('color', '#FFFFFF');
```

```
$('.example-class').css('color', '#FFFFFF');
```



You can modify any css property using the `.css()` method.

Assuming this code is inside a JavaScript object being passed to the jQuery `.animate()` method, which of the following will increase the height of an element by 10px?

```
height, +=10px
```

```
Please make my element 10 pixels taller.
```

```
'height' = 10px'
```

```
height: '+=10px'
```



A You can use `'+='` or `'-='` for relative changes in CSS properties.

Which of the following is the first argument passed to the jQuery `.animate()` method?

The element to animate.

The amount of time the animation should last.

A JavaScript object of CSS property/value pairs.



The first argument passed to `.animate()` is a JavaScript object of CSS property/value pairs that will be changed. This input is identical to the `.css()` method, but the `.animate()` method only works on CSS property... [Show more](#)

A class name.