

# jQuery Quiz I

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*December 2016*

1. In jQuery terminology, what is the difference between the “jQuery function” and the “jQuery object”?

Answer:

A jQuery object is an object returned by the jQuery function. A jQuery object represents a set of document elements and can also be called a “jQuery result”, a “jQuery set”, or a “wrapped set”. A jQuery object is array-like which means that it contains zero or more indexes (properties which names are positive integers starting with zero). Besides those indexes, a jQuery object contains these properties: length, context, selector.

Defining the function in jQuery is different from JavaScript, the syntax is totally different. A function is a set of statements that takes input, do some specific computation and produce output.

2. Write jQuery code to find all *h1* elements that are children of a *div* element and make their background color red.

Sample HTML:

```
<body>
<h1>abc</h1><br><div>
  <h1>div-1</h1>
  <h1>div-2</h1>
</div>
<h1>xyz</h1>
</body>
```

Answer:

```
<head>
<script type="text/javascript" src="https://code.jquery.com/jquery-3.3.1.min.js"></script>
<script>
  $(document).ready(function() {
    $("#btn1").click(function() {
      $('div h1').css("background-color", "red");
    });
  });
</script>
</head>
<body>
<button id="btn1">Change</button>
</body>
```

3. Use a jQuery method to insert the text "YES!" at the end of the <p> element.

```
<!DOCTYPE html>
<html>
<head>
<script>

<!--INSERT YOUR JQUERY CODE HERE  - - >

</script>
</head>
<body>

<p>Is jQuery FUN or what? </p>

</body>
</html>
```

**Answer:**

```
<head>
  <script type="text/javascript" src="https://code.jquery.com/jquery-
3.3.1.min.js"></script>
  <script>
    $(document).ready(function() {
      $("#btn1").click(function() {
        $('p').html($('p').html()+"YES!");
      });
    });
  </script>
</head>
<body>
  <p>Is jQuery FUN or what? </p>
  <button id="btn1">Insert</button>
</body>
```