

# jQuery Quiz II

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1. Which, if any, of the following 3 code fragments are equivalent? Explain why they are different, if they are. Explain why they can have different parameters and be equivalent, if they are equivalent.

**All the three fragments are equivalent. The difference amongst them is the number of parameters passed and 'this'.**

```
//code fragment 1
$("li").each(function(idx, e) {
    $(e).css("color", "yellow"); });
```

Here, `idx` is the index of the current element in the loop and `e` is the current element in the loop. Then, `e` is wrapped with `$()` to create a jQuery Object for `li`. Then, `.css()` is called on that object.

```
//code fragment 2
$("li").each(function() {
    $(this).css("color", "yellow"); });
```

Here, no parameter is passed. `'this'` is used to refer to the current element in the loop. `'this'` is wrapped with `$()` to create a jQuery Object for the current `li` element.

```
//code fragment 3
$("li").each(function(idx) {
    $(this).css("color", "yellow"); });
```

Here, `idx` is passed as a parameter. However, it is not used inside the function block. `'this'` is used instead.

2. Write a jQuery expression to find all *divs* on a page that include an unordered list in them, and make their text color be blue.

```
<div>no ul here </div>
<div>
  This does contain a ul.
  <ul>
    <li>the first item</li>
    <li>the second item</li>
  </ul>
</div>
<script>

<!--INSERT YOUR JQUERY CODE HERE - - >
$(document).ready(function() {
    $('div:has('ul')').css('color', 'blue');

  })

</script>
</body>
```

3. Write jQuery code to append the following *div* element (and all of its contents) dynamically to the *body* element.

```
<div><h1>jQuery Core</h1></div>
```

HTML:

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>JS Bin</title>
  <script>
    $(document).ready(function() {
      $('body').append("<div><h1>jQuery Core</h1></div> ");
    })
  </script>
</head>
<body>

</body>
</html>
```