

# jQuery Quiz II

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December 2016

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.

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

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

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

**All the 3 code fragments are equivalent. They are equivalent because all of them target the "li" element and change its font background-color. The difference between them is only in the function definition. However, inside the function, two of them use "this" to target the "li" element and the other one targets it by using the "e" argument. The final result is the same for all 3 of them**

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 -->

</script>
</body>
```

```
$("div:has(ul)").css("background-color","blue");
```

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>
</head>
<body>

</body>
</html>
```

```
$("body").append("<div><h1>jQuery Core</h1></div>");
```