

# jQuery Quiz II

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November 2021

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"); });
```

## Answer

*fragment 1 will change all the element colors to yellow because it is looping over 'e'*  
*fragment 2 will change only element where event occurred because of "this"*  
*fragment 3 will change only element where event occurred because of "this"*

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 - - >
  $("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>
</head>
<body>
```

```
</body>
```

```
</html>
```

***JS //local\_path.js***

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