

# 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.

```
//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"); });
```

They are the same with different faces, because in the fragment 1, the function(idx,e) has two parameters idx(index) and e (values) of each "li" element. So, the value of each "li" element is the same as "this" keyword. So \$(e).css in this case is equivalent to \$(this).css to apply the css to each "li" element.

-In the fragment 2, the function() has no parameters, but in the body of the function, it calls \$(this).css is equivalent to the code fragment 1

-In fragment 3, the function(idx) has parameter idx, but it does not use in the body, it calls the same function as in code fragment 2.

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>
```

```
<script>
$(document).ready(function () {
    $("div ul").css('color','blue');
});
</script>
```

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>
  <script>
    $(document).ready(function () {
      $("body").append("<div><h1>jQuery Core</h1></div>");
    });
  </script>

```