

jQuery Quiz II

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"); });
```

Ans: These three fragments are equivalent, the only difference is that there is three different overloaded function is being passed as a argument of each function. in fragment one, the parameter of the callback function is “idx” and “e” which represents the index and the element. In code fragment 1 jquery selector uses ‘e’ which is the element that is being passed from parameter, in later case jquery selector use this keyword which represents the scope of the callback function, the scope of the element as well. So in every case the result will be same.

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 containa ul.
    <ul>
        <li>the first item</li>
        <li>the second item</li>
    </ul>
</div>
<script>

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

</script>
</body>
```

Ans: `$('#div ul').css('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>
```

Ans: `$('body').append('<div><h1>jQuery Core</h1></div>')`