

jQuery Quiz II

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"); });
```

Ans: Above 2 code fragments are equivalent. Lets explain...

In fragment one, `e` is the element object and it refers to "li" so all the text inside the li will become yellow.

For the fragment 2, nothing was passed in the function but when `$(this).css("color", "yellow");` executed "**this**" **refers to the li.**

In Fragment 3, everything remain same as fragment 2 but the **idx** which passed in the function will have no impact.

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() {

        // Ans:
        $("div ul li").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>

```

Ans :

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