

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

Using `each()` method we can iterate over DOM elements of jQuery object and execute function for every matched element.

All of the three code fragments are equivalent.

- Two parameters are optional (index , element)

where element is current element in the loop as in code fragment 1 .

Also , "this" keyword also refers to current element in the loop .

Hence All 3 produces same result.

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>
```

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>");
```