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.

All the three fragments are equivalent. The difference amongst them is the number of parameters passed and 'this'.

```
//code fragment 1
$("li").each(function(idx, e) {
    $(e).css("color", "yellow"); });
```

Here, idx is the index of the current element in the loop and e is the current element in the loop. Then, e is wrapped with $() to create a jQuery Object for li. Then, .css() is called on that object.

```
//code fragment 2
$("li").each(function() {
    $(this).css("color", "yellow"); });
```

Here, no parameter is passed. 'this' is used to refer to the current element in the loop. 'this' is wrapped with $() to create a jQuery Object for the current li element.

```
//code fragment 3
$("li").each(function(idx) {
    $(this).css("color", "yellow"); });
```

Here, idx is passed as a parameter. However, it is not used inside the function block. 'this' is used instead.

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

</head>
<body>

</body>
</html>
```