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"); });
```

Answer :

Above three code fragment are equivalent

In the code fragment-1, "e" is the element object which refers to "li" so after executing the code fragment-1, all text color of inside "li" element tag will be yellow.

In the code fragment-2, "this" indicates same element object "li" which is selected inside jQuery function $("li"). In this fragment Output will be same as fragment-1. all text color of inside "li" element tag will be yellow.

In the code fragment-3, output will be same as fragment-1 and fragment-2. But the parameter "idx" will not impact the function.

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 type="text/javascript" src="jquery.min.js"></script>
<script>
<!—INSERT YOUR JQUERY CODE HERE  - - >
```

<!—Answer : - - >

```
$(document).ready(function(){
        $("div ul").each(function(){
            var val=$(this).parents("div");
            val.css("border","1px solid red");
        });
});
```

```
      </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 type="text/javascript" src="jquery.min.js"></script>
    <script>
    <!—INSERT YOUR JQUERY CODE HERE  - - >

      <!—Answer : - - >

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


      </script>

   </head>

<body>

   </body>
   </html>
```