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:

Yes, they all are equivalent:

In code fragment1 -

There are two arguments where idx returns an index of each element, and e denotes that element.

In code fragment2 -

This function does not have any argument but uses this as the current element in the loop.

In code fragment3 -

Here only idx and but second argument is not defined so again this also represents the current element in loop.

.each() can have arguments where each element in the loop is denoted by a second argument. If It does not have a second argument or no arguments then **this** can represent it.

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.

```html
<div>no ul here </div>
    <div>
        This does contain a ul.
        <ul id="check">
            <li>the first item</li>
            <li>the second item</li>
        </ul>
    </div>
<!script JQuery Code -->
<script>
        $(document).ready(function () {
            var ulList = function () {
                $("div").each(function () {
                    if ($.contains(this, document.getElementById("check"))) {
                        $(this).css("color", "blue")
                    }
                });
            };
            ulList();
        });
</script>
```

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>

Answer:

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