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:
They are all equivalent. They can have different parameters and remain equivalent because the jQuery each takes a callback that contains optional args, and on setting the args like the index and element. You may not use them if you do not need to, you can use the `this` keyword as it still refers to the element at the current index as it works like a for loop.

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.

Answer:
```
 <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 - - >
$("div:has(ul)").css("color","blue");
 </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>

Answer:

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