CS472-WAP COURSE

JQuery Quiz 11

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jQuery Quiz I I

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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"); });
```

All of them are equivalents in the way that all change the color of the same element, the only difference is that they pass different parameters in each situatoins, so the parameters of the each function are optional, if you are going to use, you should know that the first parameter it's going to keep track of the current iteration index and the second one it's going to refer to the current element in the iteration.

⇨ fragment 1 will change all the element colors to yellow because it is looping over 'e'
⇨ fragment 2 will change only element where event occured because of "this"
⇨ fragment 3 will change only element where event occured because of "this"

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 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>

</head>

<body>
</body>

</html>

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