JQuery Quiz 2

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 3 code fragments are equivalent for the following reasons.

For code fragment 1, idx and e parameters are referring to the index and object for each li element. So, $(e) will be for each li, resulting in the object of that li.

For code fragment 2, although there is no parameter, this refers only to the current li during looping all li.

For code fragment 3, idx is just a parameter, we can use that index value in our method. But now it is not being used. this will also refer to the current li during looping all li.

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>

<!—INSERTED Win’s JQUERY CODE HERE - - >

$(“div”).each(function(){

$(this).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>

<script src=“jquery-3.6.0.min.js”></script>

<script>

$(“body”).append(“<div><h1>JQuery Core</h1></div>”);

</script>

</body>

</html>