jQuery Quiz II

December 2016

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"); });
 This sets

 //code fragment 3
$("li").each(function(idx) {
 $(this).css("color", "yellow"); });
```

```
Code fragments 1 and 3 are equivalent to each other because parameter
e is the value of the li  component its composites, which is the same
as using the keyword "this" to represent the current value and change
its text with id=idx to yellow.
 Code fragment 2 is different then the 1 and 3 because it loops trough
the li components composites and changes the whole text to yellow.
```

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 - - >
</script>
</body>

<script>
$(document).ready(function(){
  if($.contains($("div.ul")){
   $(this).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>

HTML:

```
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<title>JS Bin</title>
</head>
<body>
</body>
</html>
```

```
<script>
$(document).ready(function(){
    $("body").bind("click",$("div").each(function(){

     $("body").append(this);

}));

      });
</script>
```