

## 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

Three of them are equal

On first function idx refer to the index and e refer to value; e and this refers to the same thing i.e each member element in 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>
```

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>
```

```
$(document).ready(function() {
```

```
  $("div li").css("background-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>
```

Answer

```
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<title>JS Bin</title>
</head>
<body>
<script>
    $(document).ready(function() {
        $("body").append("<div><h1>jQuery Core</h1></div>");
    });
</script>
</body>
</html>
```