

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");  
});
```

Ans : All are equivalent because in, all the fragment JQuery function changes the every list element color 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 - - >  
    $(document).ready(function(){  
        $("div ul li").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>
```

Ans :

```
$(document).ready(function() {
    $("body").append("<div><h1>jQuery Core</h1></div>");
});
```