

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.

```
$("li").each(function (idx, e) {  
    $(e).css("color", "yellow");  
});  
  
$("li").each(function () {  
    $(this).css("color", "yellow");  
});  
  
$("li").each(function (idx) {  
    $(this).css("color", "yellow");  
});  
=====
```

Answer:

All of them are equivalent.

The number of parameters on the callback back function are provided to the developer to use them in different scenarios.

For example:

if we want make some logic based on the current iteration index we can use index parameter. Basically `$(this)` and `$(e)` are the same. That means, the callback is fired in the context of the current DOM element, so the keyword `this` refers to the element.

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>
=====
```

Answer:

```
$(“div:has(ul)”).css(“color”, “blue”);
```

Or

```
$(document).ready(function () {
  var ulList = function () {
    $("div").each(function () {
      if ($.contains(this, document.getElementById("check"))) {
        $(this).css("color", "blue");
      }
    });
    ulList();
  };
});
```

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>

Answer :

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