

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>"); });
```