

# jQuery Quiz III

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1. Find the text in the first paragraph (stripping out the html), then set the html of the last paragraph to show it is just text (the red bold is gone).

```
<!doctype html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>text demo</title>
<style>
p {
color: blue;
margin: 8px;
}
span {
color: red;
}
</style>
<script src="http://code.jquery.com/jquery-1.9.1.js"></script>
</head>
<body>
<p><span>Test</span> Paragraph.</p>
<p></p>
<script>

//<!--INSERT YOUR JQUERY CODE HERE    - - >
Answer:
$(document).ready(function(){
    var len = $(this).find("p").length;
    var e;
    $("p").each(function(idx,value){
        if(idx===0){
            e = $(value).text();
        }
        if(idx===len-1){
            $(value).text(e);
        }
    });
});
</script>
</body>
</html>
```

2. Write jQuery code to create a red background for the level-2 list items.

```
<ul class="level-1">
  <li class="item-i">I</li>
  <li class="item-ii">II
    <ul class="level-2">
      <li class="item-a">A</li>
      <li class="item-b">B
        <ul class="level-3">
          <li class="item-1">1</li>
          <li class="item-2">2</li>
          <li class="item-3">3</li>
        </ul>
      </li>
      <li class="item-c">C</li>
    </ul>
  </li>
  <li class="item-iii">III</li>
</ul>
```

Answer:

```
<script type="text/javascript" src="https://code.jquery.com/jquery-3.3.1.min.js"></script>
<script>
  $(document).ready(function() {
    $(".level-2").css("background-color", "red");
  });
</script>
```

3. Write jQuery code to select the element that comes immediately before item three and change its background color to blue.

```
<ul>
  <li>list item 1</li>
  <li>list item 2</li>
  <li class="third-item">list item
  3</li> <li>list item 4</li> <li>list
  item 5</li>
</ul>
```

Answer:

```
<script type="text/javascript" src="https://code.jquery.com/jquery-3.3.1.min.js"></script>
<script>
  $(document).ready(function() {
    $(".third-item").prev().css("background-color", "blue");
  });
</script>
```

4. Let us one additional requirement for the "Go Vegetarian" button of the Webville Eatery Menu described in Chapter 4 of *Head First jQuery*: "Turkey" in the ingredient list of any entree is replaced by "Mashed Potatoes" in the vegetarian version. You may assume there is a class "turkey" that identifies these items in the list. Describe the changes to the Javascript (jQuery) code to implement this new requirement.

Answer:

```
<script>
    $("button#vegOn").click(function(){
        $(".turkey").replaceWith("<li class='mashedPotatoes'><em>Mashed Potatoes</em></li>");
        $(".mashedPotatoes").parent().parent().addClass("veg_leaf");
    })
</script>
```

5. Write Javascript (jQuery) code to change the color of the *parent* and *grandparent* list items of the span of text ("some text") in the following to green.

```
<!DOCTYPE html>
<html>
<head>
<script type="text/javascript" src="https://code.jquery.com/jquery-3.3.1.min.js"></script>
<script>
$(document).ready(function(){
<!--INSERT YOUR JQUERY CODE HERE -->
    Answer:
    $(".span").parent().css("color", "green");
    $(".span").parent().parent().css("color", "green");
});
</script>
</head>
<body>

<div class="ancestors">
    <div> (great-grandparent)
        <ul> (grandparent)
            <li> (direct parent)
                <span>some text</span>
            </li>
        </ul>
    </div>
</div>

</body>
</html>
```