jQuery Quiz III

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).

```html
<!doctype html>
<html lang="en">
<head>
<meta charset="uD-8">
<Gtle>text demo</Gtle>
<style> p {
color: blue;
margin: 8px;
}
span { color:
red;
}
</style>
<script src="hMp://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 - - >
  $(document).ready(function () {
        const txt = $("p:first").text();
        $("p:first").empty();
        $("p:last").text(txt);
         <!-- you can use the `:last` or `:nth-child(n)` for this if you know the p number
        $("p:nth-child(2)").text(txt);
         -->
   });
</script>
</body>
</html>
```

2. Write jQuery code to create a red background for the level-2 list items.
```html
<ul class="level-1">
  <li class="item-i">I</li>
```

```html
   <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:

`$(".level-2 > li").css("background-color","red");`

We can use the code above if we want to affect only the direct ancestors which are the `li` via `>`.

We can use the code below if we want to affect both the `li` and `ul` under the `.level-2`. Without the use of `>`.

`$(".level-2 li").css("background-color","red");`

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

```html
<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>
```

$(".third-item").prev().css("background-color","blue");

We can use either of the code above or below, but the code above might be more preferrable as it's more specific to the `list item 3`.

$("li:nth-child(2)").css("background-color","blue");

4.   Let us one addiGonal requirement for the "Go Vegetarian" buMon 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 idenGfies these items in the list. Describe the changes to the Javascript (jQuery) code to implement this new requirement.

Answer:

```
$(document).ready(function () {
  $("#vegOn").click(function () {
    $(".turkey").replaceWith("<li class='mashed'>Mashed Potatoes</li>");
  });
$("#restoreOn").click(function () {
    $(".mashed").replaceWith("<li class=turkey>Turkey</li>");
  });

});
```

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.

Answer:

```
<!DOCTYPE html>
<html>
```

```
<head>
<script>
$(document).ready(funcGon(){
<!—INSERT YOUR JQUERY CODE HERE - - >

$("span").parentsUntil("div").css("color", "green");

// We can use either of the codes, either the one above, or below. The one above is shorter
and straight to the point.

// $("span:contains('some text')").parent("li").css("color", "green").closest("ul").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>
```