

```
1  <!DOCTYPE html>
2
3  <html lang="en">
4    <head>
5      <link href="https://fonts.googleapis.com/css2?family=Montserrat:wght@500&display=swap" rel="stylesheet">
6      <link href="styles.css" rel="stylesheet">
7      <title>Trivia!</title>
8
9    <script>
10
11      // Wait for DOM content to load
12      document.addEventListener('DOMContentLoaded', function() {
13
14        // Get all elements with class "correct"
15        let corrects = document.querySelectorAll('.correct');
16
17        // Add event listeners to each correct button
18        for (let i = 0; i < corrects.length; i++) {
19          corrects[i].addEventListener('click', function() {
20
21            // Set background color to green
22            corrects[i].style.backgroundColor = 'Green';
23
24            // Go to parent element of correct button and find the first element with class
25            "feedback" which has that parent
26            corrects[i].parentElement.querySelector('.feedback').innerHTML = 'Correct!';
27          });
28        }
29
30        // When any incorrect answer is clicked, change color to red.
31        let incorrects = document.querySelectorAll(".incorrect");
32        for (let i = 0; i < incorrects.length; i++) {
33          incorrects[i].addEventListener('click', function() {
34
35            // Set background color to green
36            incorrects[i].style.backgroundColor = 'Red';
37
38            // Go to parent element of correct button and find the first element with class
39            "feedback" which has that parent
40            incorrects[i].parentElement.querySelector('.feedback').innerHTML = 'Incorrect';
41          });
42        }
43      });
44    }
45  </script>
46</html>
```

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41         }
42
43         // Check free response submission
44         document.querySelector('#check').addEventListener('click', function() {
45             let input = document.querySelector('input');
46             if (input.value === 'Switzerland') {
47                 input.style.backgroundColor = 'green';
48                 input.parentElement.querySelector('.feedback').innerHTML = 'Correct!';
49             }
50             else {
51                 input.style.backgroundColor = 'red';
52                 input.parentElement.querySelector('.feedback').innerHTML = 'Incorrect';
53             }
54         });
55     });
56
57     </script>
58
59     </head>
60     <body>
61
62         <div class="jumbotron">
63             <h1>Trivia!</h1>
64         </div>
65
66         <div class="container">
67
68             <div class="section">
69                 <h2>Part 1: Multiple Choice </h2>
70                 <hr>
71                 <!-- Multiple choice question here -->
72                 <h3> What is the approximate ratio of people to sheep in New Zealand?</h3>
73                 <button class="incorrect">6 people per 1 sheep</button>
74                 <button class="incorrect">3 people per 1 sheep</button>
75                 <button class="incorrect">1 person per 1 sheep</button>
76                 <button class="incorrect">1 person per 2 sheep</button>
77                 <button class="correct">1 person per 6 sheep</button>
78
79             </div>
80
81             <div class="section">
82                 <h2>Part 2: Free Response</h2>
```

```
83         <hr>
84         <!-- Free response question here -->
85         <h3>In which country is it illegal to own only one guinea pig, as a lone guinea pig might get
lonely?</h3>
86         <input type="text"></input>
87         <button id="check">Check Answer</button>
88     </div>
89
90 </div>
91 </body>
92 </html>
```