```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Chapter 4 Assignment</title>
    <style>
      button
      {
        background-color:black;
        color:white;
      }
      button:hover{
        background-color:white;
        color:black;
      }
    </style>
  </head>
  <body>
    <button id="red" type="button">
      RED
    </button>
    <button id="blue" type="button">
      BLUE
    </button>
    <button id="green" type="button">
      GREEN
    </button>
    <p >
      RED Count: <span id="displayCount_r">0</span>
    </p>
    <p>
      Blue Count: <span id="displayCount_b">0</span>
    </p>
    <p>
      Green Count:  <span id="displayCount_g">0</span>
    </p>
    <p>
      Total Count:  <span id="totalCount">0</span>
    </p>
    <script>
      var total = 0;
      var display_total = document.getElementById("totalCount");

      var count_r = 0;
      var button_r = document.getElementById("red");
```

```javascript
        var display_r = document.getElementById("displayCount_r");
        button_r.onclick = function(){
            count_r++;
            display_r.innerHTML = count_r;
            document.body.style.background = 'red';
            total++;
            display_total.innerHTML = total;
        }

        var count_b = 0;
        var button_b = document.getElementById("blue");
        var display_b = document.getElementById("displayCount_b");
        button_b.onclick = function(){
            count_b++;
            display_b.innerHTML = count_b;
            document.body.style.background = 'blue';
            total++;
            display_total.innerHTML = total;
        }

        var count_g = 0;
        var button_g = document.getElementById("green");
        var display_g = document.getElementById("displayCount_g");
        button_g.onclick = function(){
            count_g++;
            display_g.innerHTML = count_g;
            document.body.style.background = 'green';
            total++;
            display_total.innerHTML = total;
        }
    </script>
  </body>
</html>
```