

```

1 // ***** Homework 7 Pt I script *****
2 document.addEventListener('DOMContentLoaded', function () {
3     var styleArea = document.getElementById('styleArea');
4
5     document.getElementById('styleForm').addEventListener('change', function (e) {
6         var target = e.target;
7
8         if (target.name === 'bgcolor') {
9             if (target.value === 'Rainbow') {
10                 styleArea.style.background = 'linear-gradient(to right, red, orange,
11                     yellow, green, blue, indigo, violet)';
12             } else {
13                 styleArea.style.backgroundColor = target.value;
14                 styleArea.style.backgroundImage = 'none'; // Remove gradient for solid
15                 colors
16             }
17         } else if (target.name === 'textstyle') {
18             if (target.value === 'underline') {
19                 if (target.checked) {
20                     styleArea.style.textDecoration = 'underline';
21                 } else {
22                     styleArea.style.textDecoration = 'none';
23                 }
24             } else if (target.value === 'bold') {
25                 styleArea.style.fontWeight = target.checked ? 'bold' : 'normal';
26             } else if (target.value === 'italic') {
27                 styleArea.style.fontStyle = target.checked ? 'italic' : 'normal';
28             }
29         } else if (target.id === 'fontSize') {
30             styleArea.style.fontSize = target.value;
31         }
32     });
33 });

```