

```

1  <!DOCTYPE html>
2
3  <html lang="en">
4    <head>
5      <title>Displaying Keypresses</title>
6      <link rel="stylesheet" type="text/css" href="style.css" />
7      <script type="text/javascript">
8
9        vowels=["a", "e", "i", "o", "u"];
10       function displayKey(e) {
11         // which key was pressed?
12         if (e.keyCode) {
13           var keycode=e.keyCode;
14         } else {
15           var keycode=e.which;
16         }
17         character=String.fromCharCode(keycode);
18         if (vowels.includes(character)){
19           character = character.toUpperCase();
20         }
21
22         if (character=="r" || character=="R"){
23           changeColor("red");
24         }
25         if (character=="g" || character=="G"){
26           changeColor("green");
27         }
28         if (character=="b" || character=="B"){
29           changeColor("blue");
30         }
31
32         // find the object for the destination paragraph
33         var keysParagraph = document.getElementById('keys');
34
35         // add the character to the paragraph
36         keysParagraph.innerHTML += character;
37       }
38
39       function changeColor(color){
40         document.body.style.background=color;
41         document.body.style.color= "white";
42       }
43     </script>
44   </head>
45   <body onkeypress="displayKey(event)">
46     <a href="index.html"><button class="home-1" >Back to Home</button></a>
47     <h1>Displaying Typed Characters</h1>
48     <p>This document includes a simple script that displays the keys you type as a new
49     paragraph below. Type a few keys to try it. </p>
50     <div id="keys"></div>
51   </body>
</html>

```