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1  <!-- Javascript: Design a HTML page to accept a string in a text box on the click of a button. Use
2  Javascript to perform the following operations
3  a. Add the string received to a pre-existing Javascript array named "Original_String"
4  at its beginning
5  b. For each array element, use a callback function and store each one's length in a
6  new array named "MyLength"
7  29
8  c. Write a Javascript function that takes the arrays "Original_String" and
9  "MyLength" as argument. This function filters those strings with length less than
10 or equal to 3. -->
11
12 <!DOCTYPE html>
13 <html>
14 <head>
15   <title>Question 7</title>
16 </head>
17 <body>
18   <form>
19     <p>
20       Enter the string
21     </p>
22     <input type="text" id="str1">
23     <br>
24     <input type="button" onclick="func()" value="submit">
25     <p id="final1"></p>
26     <p id="final2"></p>
27   </form>
28   <script>
29     var mylength=[];
30     var original_string=["hi","wru","iam here"];
31     const func2 =(arr1,arr2)=>
32     {
33       for(i=0;i<arr2.length;i++)
34         if(arr2[i]>3)
35           neww.push(arr1[i]);
36       document.getElementById("final2").innerHTML=neww;
37     }
38     function func1()
39     {
40       for(i=0;i<original_string.length;i++)
41         mylength[i]=original_string[i].length;
42     }
43     function func()
44     {
45       a=document.getElementById("str1").value;
46       original_string.unshift(a);
47       func1();
48       document.getElementById("final1").innerHTML=" original string \n "+original_string+"\n
length of string "+mylength;
49       func2(original_string,mylength);
50     }
51   </script>
52 </body>
53 </html>

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