

```
1 <html>
2
3 <head>
4 <title>Merchandise Store</title>
5 </head>
6
7
8 <script language="javascript">
9     var strings = new Array();
10
11     function add(){
12         var totalString = "";
13
14         var currentInput = document.inputForm.input.value;
15         strings[strings.length] = currentInput;
16
17
18         for(var i = 0; i < strings.length; i++){
19             var currentString = strings[i];
20             totalString += currentString + "\n";
21         }
22
23         document.outputForm.list.value = totalString;
24     }
25
26     function update(){
27         var shortest = strings[0];
28         var longest = strings[0];
29         var bob = "";
30
31         for(var i = 0; i < strings.length; i++){
32             var current = strings[i];
33
34             if(current.length < shortest.length){
35                 shortest = current;
36             }
37
38             if(current.length > longest.length){
39                 longest = current;
40             }
41         }
42
43         document.outputForm.output.value =
44         "Longest: " + longest + "\n" +
45         "Shortest: " + shortest + "\n" +
46         "Concatenated: " + longest + shortest + "\n";
47
48     }
49
50 </script>
51
52 <body>
53
54 <form name="inputForm">
55     <label style="position:absolute; left:100px; top: 400px;">Enter Any Text
56     </label>
57     <input type="text" name="input" style="position: absolute; left: 100px; top:
58     500px;">
59
60     <input type="button" value="Add"
61     onclick="add() "
62     style="
63         position: absolute;
64         top: 300px;
65         left: 100px;
66         width: 100px;
67         height: 60px;
```

```
66         font-size: 1.5em;">
67
68     <input type="button" value="Action!"
69     onclick="update()"
70     style="
71         position: absolute;
72         top: 200px;
73         left: 100px;
74         width: 100px;
75         height: 60px;
76         font-size: 1.5em;">
77
78
79 </form>
80
81 <form name="outputForm">
82     <textarea readonly name="list"
83         rows="20"
84         cols="40"
85         style="
86             position: absolute;
87             top: 200px;
88             right: 50px;">
89 </textarea>
90
91     <textarea readonly name="output"
92         rows="20"
93         cols="40"
94         style="
95             position: absolute;
96             top: 200px;
97             right: 400px;">
98 </textarea>
99
100 </form>
101
102 </body>
103
104
105
106 </html>
```