```
1   <!DOCTYPE html>
2   <html>
3   <head>
4       <!--
5           JavaScript 6th Edition
6           Chapter 4
7           Hands-on Project 4-4
8
9           Author: Dylan
10          Date:   4/1/19
11
12          Filename: index.htm
13      -->
14      <meta charset="utf-8" />
15      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
16      <title>Hands-on Project 4-4</title>
17      <link rel="stylesheet" href="styles.css" />
18      <script src="modernizr.custom.05819.js"></script>
19  </head>
20
21  <body>
22      <header>
23          <h1>
24              Hands-on Project 4-4
25          </h1>
26      </header>
27
28      <article>
29          <div id="results">
30              <p id="resultsExpl"></p>
31              <ul>
32                  <li id="item1"></li>
33                  <li id="item2"></li>
34                  <li id="item3"></li>
35                  <li id="item4"></li>
36                  <li id="item5"></li>
37              </ul>
38          </div>
39          <form>
40              <fieldset>
41                  <label for="placeBox" id="placeLabel">
42                      Type the name of a place, then click Submit:
43                  </label>
44                  <input type="text" id="placeBox" />
45              </fieldset>
46              <fieldset>
47                  <button type="button" id="button">Submit</button>
48              </fieldset>
49          </form>
50      </article>
51      <script>
52          var submitButton = document.getElementById("button");
53          var places = []; // new array to store entered places
54          var i = 1; // counter variable to track array indexes
55
56          // function to add input to array and then generate list after 5th submission
57
58          submitButton.addEventListener('click', () => {
59              'use strict';
60
61              places[i] = document.getElementById("placeBox").value; // add entered value to array
62              document.getElementById("placeBox").value = "" // clear text box
63              if (i < 5) { // iterate counter variable
64                  i++;
65              }
```

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66              else { // add entered value to array and write results to document
67                  document.getElementById("resultsExpl").innerHTML = "You entered the following
   places:";
68                  var listItem = "";
69                  for (var j = 1; j < 6; j++) { // write each array element to its corresponding list
   item
70                      listItem = "item" + j;
71                      document.getElementById(listItem).innerHTML = places[j];
72                  }
73
74          }
75  });
76      // submitButton.addEventListener('click', processInput);
77      // // add backward compatible event listener to Submit button
78
79
80      // if (submitButton.addEventListener) {
81      //   submitButton.addEventListener("click", processInput, false);
82      // } else if (submitButton.attachEvent)  {
83      //   submitButton.attachEvent("onclick", processInput);
84      // }
85   // }
86   </script>
87 </body>
88 </html>
89
```