

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <!--
5     JavaScript 6th Edition
6     Chapter 3
7     Hands-on Project 3-4
8
9     Author: Dylan
10    Date: 02/18/19
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 3-5</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 3-5
25     </h1>
26   </header>
27
28   <article>
29     <div id="results">
30       <ul>
31         <li id="item1"></li>
32         <li id="item2"></li>
33         <li id="item3"></li>
34         <li id="item4"></li>
35         <li id="item5"></li>
36       </ul>
37       <p id="resultsExpl"></p>
38     </div>
39     <form>
40       <fieldset>
41         <label for="toolBox" id="placeLabel">
42           Type the name of a tool, then click Submit:
43         </label>
44         <input type="text" id="toolBox" />
45       </fieldset>
46       <fieldset>
47         <button type="button" id="button">Submit</button>
48       </fieldset>
49     </form>
50   </article>
51   <script>
52     var i = 1;
53     var listItem = '';
54
55     function processInput() {
56       // assign our variables we will be using
57       var button = document.getElementById('button');
58       var toolbox = document.getElementById('toolBox');
59       // check if i is less than or = to 5, if so run code below
60       // if(i <= 5) {
61       //   //set the listItem to match the ID
62       //   listItem = "item" + i;
63       //   //grab every element on each pass that has the id of the listItem value
64       //   document.getElementById(listItem).innerHTML = toolbox.value;
65       //   // set the toolbox input to be empty when were done
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66         //      toolBox.value = '';
67
68         //      if(i == 5) {
69         //          // print a message when every LI has been filled
70         //          document.getElementById('resultsExpl').innerHTML = "Thanks for your
suggestions";
71         //      }
72         //      i++;
73         //  }
74         // }
75
76 // switch statement for 3-5
77     switch(i <= 6) {
78         case i <= 5:
79             console.log(i);
80             listItem = 'item' + i;
81             document.getElementById(listItem).innerHTML = toolBox.value;
82             toolBox.value = '';
83             break;
84
85         default:
86             console.log(i);
87             document.getElementById('resultsExpl').innerHTML = "Thanks for your suggestions";
88         }
89         i++;
90     }
91     if(button.addEventListener) {
92         button.addEventListener('click',processInput, false);
93     } else if (button.attachEvent) {
94         button.attachEvent('onclick', processInput);
95     }
96 </script>
97 </body>
98 </html>
```