# Programming Concepts
# Week 7 **Pass** Submission Tasks Template

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## Pass Task 7 HTML code

Paste the HTML code of the web page here.

```html
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4      <meta charset="utf-8" />
5      <meta name="description" content="dynamic HTML" />
6      <meta name="keywords"    content="Think which keywords!!!" />
7      <meta name="author"      content="Mario Stavreski" />
8      <title>Testing output</title>
9      <script src="W07P.js"></script>
10
11  </head>
12  <body>
13  <header>
14  </header>
15  <article>
16
17     <form>
18         <label> Customer Name: <input type="text" id="custname" /> </label>
19         <button type="button" id="add"> Add Name </button>
20         <button type="button" id="process"> Process Name </button>
21     </form>
22
23     <p id="output"></p>
24     <p id="error"></p>
25
26  </article>
27  <footer><p>Produced by Mario Stavreski</p></footer>
28  </body>
29  </html>
30
```

## Pass Task 7 JavaScript code

Paste the JavaScript code of the same page here.

```javascript
/* Filename: W07P.js
   Target html: W07P.html
   Purpose : Adds Names to an array
   Author: Mario Stavreski  ID:103055993
   Date written: 05/05/2020
   Revisions:  v1.0
*/

// This JavaScript adds names to an array
var arrNameList = []

function addName() {
  var newName = document.getElementById("custname").value;
  if (newName.length == 0) { //verifies that a name is added by the user
    document.getElementById("error").innerHTML = "Please enter a name.";
  } else { //adds the name to the array
  arrNameList.push(newName);
}
}

function displayArray() { //displays array
  var newName = document.getElementById("custname").value;
    var vNames = "";
    vNames = "The names in the array are: " + "</br>"
    var vIndex;
    for (vIndex = 0; vIndex < arrNameList.length; vIndex++) {
    vNames =  vNames + (vIndex + 1) + ". " + arrNameList[vIndex] + "</br>";
  }

  document.getElementById('output').innerHTML = vNames;
  document.getElementById('error').innerHTML = "";

}

function init() {

  var btn = document.getElementById("add");
  btn.onclick = addName;

  var btn = document.getElementById("process");
  btn.onclick = displayArray;

}

window.onload = init;
```

Customer Name: Brian    Add Name    Process Name

The names in the array are:
1. Steve
2. Daniel
3. Brian

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Customer Name: [        ]    Add Name    Process Name

Please enter a name.

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Paste the screen captures of your testing web page here.