

```
1 <html>
2 <script type="text/JavaScript" src="demo3.js">
3 </script>
4 <body>
5 Here is some HTML text. A little further down, I want to call some JavaScript
6 functions I've defined above.<br />
7 <br />
8 <script type="text/JavaScript">
9 swap(3,7); // this is where I call the function
10 var z;
11 z = getMeARandomNumber();
12 swap(1,z);
13
14 var demoArray = new Array(); // This is the creation of an array.
15 demoArray.push("New value 1");
16 demoArray.push("New value 2");
17 demoArray.push("New value 3");
18 demoArray.push("New value 4");
19 demoArray.push("New value 5");
20 demoArray.push("New value 6");
21
22
23 var randomIndex = Math.round((demoArray.length - 1) * Math.random());
24 document.write("RI: " + randomIndex + "<br />");
25
26 document.write( "The randomly selected number is: " + demoArray[randomIndex] + "<br />" );
27
28 for(var i = 0; i < demoArray.length; i++)
29 {
30     document.write("The value of demoArray at index I is: " + demoArray[i] + "<br />");
31 }
32 </script>
33 </body>
34 </html>
35
```