```
1   <!DOCTYPE html>
2   <html>
3   <head>
4       <!--
5           JavaScript 6th Edition
6           Chapter 4
7           Hands-on Project 4-5
8
9           Author: Dylan S
10          Date:   4/1/2019
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 4-5</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 4-5
25          </h1>
26      </header>
27
28      <article>
29          <h2>Miles (Mi) to Kilometers (Km) converter</h2>
30          <form>
31              <fieldset>
32                <label for="mValue">
33                    Enter distance in miles
34                </label>
35                <input type="number" id="mValue" />
36              </fieldset>
37              <fieldset>
38                <button type="button" id="convertButton">Convert to Km</button>
39              </fieldset>
40              <fieldset>
41                  <p>Distance in kilometers</p>
42                  <p id="kValue"></p>
43              </fieldset>
44          </form>
45      </article>
46      <script>
47          var kilometersElement = document.getElementById("kValue");
48          var milesElement = document.getElementById("mValue");
49          function convert() {
50              var km = milesElement.value * 1.6
51              kilometersElement.innerHTML = km;
52          }
53
54          // add backward compatible event listener to Convert to Km button and clear form
55          var submitButton = document.getElementById("convertButton");
56          if (submitButton.addEventListener) {
57              submitButton.addEventListener("click", convert, false);
58              window.addEventListener("load", function() {
59                  document.getElementById('mValue').value = ""; // clear last miles value on reload
60                  document.getElementById('kValue').innerHTML = ""; // clear previous results on reload
61              }, false);
62          } else if (submitButton.attachEvent)  {
63              submitButton.attachEvent("onclick", convert);
64              window.attachEvent("onload", function() {
65                  document.getElementById('mValue').value = ""; // clear last miles value on reload
```

```
66              document.getElementById('kValue').innerHTML = ""; // clear previous results on reload
67          });
68      }
69    </script>
70 </body>
71 </html>
72
```