

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <!--
5     JavaScript 6th Edition
6     Chapter 7
7     Hands-on Project 7-2
8
9     Author:
10    Date:
11
12    Filename: index.htm
13  -->
14  <meta charset="utf-8" />
15  <meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-
scalable=0">
16  <title>Hands-on Project 7-2</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 7-2
25     </h1>
26   </header>
27
28   <article>
29     <h2>Day of the Week Lookup</h2>
30     <form>
31       <fieldset>
32         <label for="dateSelected">
33           Select a date
34         </label>
35         <input type="date" id="dateSelected" />
36       </fieldset>
37       <fieldset class="button">
38         <button type="button" id="determineDay">Find day</button>
39       </fieldset>
40       <fieldset>
41         <p>Day of the Week</p>
42         <p id="day"></p>
43       </fieldset>
44     </form>
45   </article>
46   <script>
47     console.log(1234);
48     var selection = document.getElementById('dateSelected');
49     var result = document.getElementById('day');
50     var allDaysOfWeek = ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday',
'Saturday'];
51     var selectedDate;
52     var dayOfWeekNumber;
53     var dayOfWeekName;
54
55     function lookUpDay() {
56       selectedDate = new Date(selection.value);
57       selectedDate.setUTCHours(12);
58       dayOfWeekNumber = selectedDate.getUTCDay();
59       dayOfWeekName = allDaysOfWeek[dayOfWeekNumber];
60       result.innerHTML = dayOfWeekName;
61     }
62
63     function createEventListener() {
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64     var submitButton = document.getElementById('determineDay');
65     if(submitButton.addEventListener) {
66         submitButton.addEventListener('click', lookUpDay, false);
67     } else if (submitButton.attachEvent) {
68         submitButton.attachEvent('onclick', lookUpDay);
69     }
70     document.getElementById('dateSelected').value = '';
71     document.getElementById('day').innerHTML = '';
72 }
73 if(window.addEventListener) {
74     window.addEventListener('load', createEventListener, false);
75 } else if (window.attachEvent) {
76     window.attachEvent('onload', createEventListener);
77 }
78 </script>
79 </body>
80 </html>
81
```