

## TO-DOListapp.html

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <meta name="viewport" content="width=device-width, initial-scale=1">
5  <style>
6  body {
7      margin: 0;
8      min-width: 250px;
9  }
10 * {
11     box-sizing: border-box;
12 }
13 ul {
14     margin: 0;
15     padding: 0;
16 }
17 ul li {
18     cursor: pointer;
19     position: relative;
20     padding: 12px 8px 12px 40px;
21     list-style-type: none;
22     background: green;
23     font-size: 18px;
24     transition: 0.2s;
25     -webkit-user-select: none;
26     -moz-user-select: none;
27     -ms-user-select: none;
28     user-select: none;
29 }
30 ul li:nth-child(odd) {
31     background: blue;
32 }
33 ul li:hover {
34     background: red;
35 }
36
37 /* When clicked on, add a background color and strike out text */
38 ul li.checked {
39     background: #888;
40     color: yellow;
41     text-decoration: line-through;
42 }
43
44 /* Add a "checked" mark when clicked on */
45 ul li.checked::before {
46     content: '';
47     position: absolute;
48     border-color: #fff;
49     border-style: solid;
50     border-width: 0 2px 2px 0;
51     top: 10px;
52     left: 16px;
53     transform: rotate(45deg);
54     height: 15px;
55     width: 7px;
56 }
57 .close {
```

```
58     position: absolute;
59     right: 0;
60     top: 0;
61     padding: 12px 16px 12px 16px;
62 }
63
64 .close:hover {
65     background-color: #f44336;
66     color: white;
67 }
68 .header {
69     background-color: #f44336;
70     padding: 30px 40px;
71     color: white;
72     text-align: center;
73 }
74 .header:after {
75     content: "";
76     display: table;
77     clear: both;
78 }
79 input {
80     margin: 0;
81     border: none;
82     border-radius: 0;
83     width: 75%;
84     padding: 10px;
85     float: left;
86     font-size: 16px;
87 }
88 .addBtn {
89     padding: 10px;
90     width: 25%;
91     background: #d9d9d9;
92     color: #555;
93     float: left;
94     text-align: center;
95     font-size: 16px;
96     cursor: pointer;
97     transition: 0.3s;
98     border-radius: 0;
99 }
100
101 .addBtn:hover {
102     background-color: #bbb;
103 }
104 </style>
105 </head>
106 <body>
107
108 <div id="myDIV" class="header">
109     <h2 style="margin:5px">My To Do List</h2>
110     <input type="text" id="myInput" placeholder="Title...">
111     <span onclick="newElement()" class="addBtn">Add</span>
112 </div>
113
114 <ul id="myUL">
115     <li>Hit the gym</li>
116     <li class="checked">Pay bills</li>
117     <li>Meet George</li>
```

```
118     <li>Buy eggs</li>
119     <li>Read a book</li>
120     <li>Organize office</li>
121 </ul>
122
123 <script>
124 var myNodelist = document.getElementsByTagName("LI");
125 var i;
126 for (i = 0; i < myNodelist.length; i++) {
127     var span = document.createElement("SPAN");
128     var txt = document.createTextNode("\u00D7");
129     span.className = "close";
130     span.appendChild(txt);
131     myNodelist[i].appendChild(span);
132 }
133 var close = document.getElementsByClassName("close");
134 var i;
135 for (i = 0; i < close.length; i++) {
136     close[i].onclick = function() {
137         var div = this.parentElement;
138         div.style.display = "none";
139     }
140 }
141 var list = document.querySelector('ul');
142 list.addEventListener('click', function(ev) {
143     if (ev.target.tagName === 'LI') {
144         ev.target.classList.toggle('checked');
145     }
146 }, false);
147 function newElement() {
148     var li = document.createElement("li");
149     var inputValue = document.getElementById("myInput").value;
150     var t = document.createTextNode(inputValue);
151     li.appendChild(t);
152     if (inputValue === '') {
153         alert("You must write something!");
154     } else {
155         document.getElementById("myUL").appendChild(li);
156     }
157     document.getElementById("myInput").value = "";
158
159     var span = document.createElement("SPAN");
160     var txt = document.createTextNode("\u00D7");
161     span.className = "close";
162     span.appendChild(txt);
163     li.appendChild(span);
164
165     for (i = 0; i < close.length; i++) {
166         close[i].onclick = function() {
167             var div = this.parentElement;
168             div.style.display = "none";
169         }
170     }
171 }
172 </script>
173
174 </body>
175 </html>
```