TO-DOListapp.html

```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: bule;
32  }
33  ul li:hover {
34    background: red;
35  }
36
37
38  ul li.checked {
39    background: #888;
40    color: yellow;
41    text-decoration: line-through;
42  }
43  ul li.checked::before {
44    content: '';
45    position: absolute;
46    border-color: #fff;
47    border-style: solid;
48    border-width: 0 2px 2px 0;
49    top: 10px;
50    left: 16px;
51    transform: rotate(45deg);
52    height: 15px;
53    width: 7px;
54  }
55  .close {
56    position: absolute;
57    right: 0;
```

```css
    top: 0;
    padding: 12px 16px 12px 16px;
}

.close:hover {
  background-color: #f44336;
  color: white;
}
.header {
  background-color: #f44336;
  padding: 30px 40px;
  color: white;
  text-align: center;
}
.header:after {
  content: "";
  display: table;
  clear: both;
}
input {
  margin: 0;
  border: none;
  border-radius: 0;
  width: 75%;
  padding: 10px;
  float: left;
  font-size: 16px;
}
.addBtn {
  padding: 10px;
  width: 25%;
  background: #d9d9d9;
  color: #555;
  float: left;
  text-align: center;
  font-size: 16px;
  cursor: pointer;
  transition: 0.3s;
  border-radius: 0;
}

.addBtn:hover {
  background-color: #bbb;
}
</style>
</head>
<body>

<div id="myDIV" class="header">
  <h2 style="margin:5px">My To Do List</h2>
  <input type="text" id="myInput" placeholder="Title...">
  <span onclick="newElement()" class="addBtn">Add</span>
</div>

<ul id="myUL">
  <li>Hit the gym</li>
  <li class="checked">Pay bills</li>
  <li>Meet George</li>
  <li>Buy eggs</li>
  <li>Read a book</li>
```

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