

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

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