

## E:\todolist3.js

```
1 // Create a "close" button and append it to each list item
2 var myNodelist = document.getElementsByTagName("LI");
3 var i;
4 for (i = 0; i < myNodelist.length; i++) {
5     var span = document.createElement("SPAN");
6     var txt = document.createTextNode("\u00D7");
7     span.className = "close";
8     span.appendChild(txt);
9     myNodelist[i].appendChild(span);
10 }
11
12 // Click on a close button to hide the current list item
13 var close = document.getElementsByClassName("close");
14 var i;
15 for (i = 0; i < close.length; i++) {
16     close[i].onclick = function() {
17         var div = this.parentElement;
18         div.style.display = "none";
19     }
20 }
21
22 // Add a "checked" symbol when clicking on a list item
23 var list = document.querySelector('ul');
24 list.addEventListener('click', function(ev) {
25     if (ev.target.tagName === 'LI') {
26         ev.target.classList.toggle('checked');
27     }
28 }, false);
29
30 // Create a new list item when clicking on the "Add" button
31 function newElement() {
32     var li = document.createElement("li");
33     var inputValue = document.getElementById("myInput").value;
34     var t = document.createTextNode(inputValue);
35     li.appendChild(t);
36     if (inputValue === '') {
37         alert("You must write something!");
38     } else {
39         document.getElementById("myUL").appendChild(li);
40     }
41     document.getElementById("myInput").value = "";
42
43     var span = document.createElement("SPAN");
44     var txt = document.createTextNode("\u00D7");
45     span.className = "close";
46     span.appendChild(txt);
47     li.appendChild(span);
48
49     for (i = 0; i < close.length; i++) {
50         close[i].onclick = function() {
51             var div = this.parentElement;
52             div.style.display = "none";
53         }
54     }
```

55 | }