

The To Do List

Use HTML,CSS and JavaScript to create a "to-do list" to organize and prioritize your tasks.

//HTML CODE

```
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
body {
  margin: 0;
  min-width: 250px;

}
```

//CSS CODE

```
{
  box-sizing: border-box;

}
```

```
ul {
  margin: 0;
  padding: 0;
```

```
}
```

```
ul li {
  cursor: pointer;
  position: relative;
  padding: 12px 8px 12px 40px;
  list-style-type: none;
  background: #eee;
  font-size: 18px;
  transition: 0.2s;
```

```
-webkit-user-select: none;
-moz-user-select: none;
-ms-user-select: none;
user-select: none;
}
```

```
ul li:nth-child(odd) {  
    background:rgb(255, 255, 128);  
}
```

```
ul li:hover {  
    background: brown;  
}
```

```
ul li.checked {  
    background: #111;  
    color: white;  
    text-decoration: line-through;  
}
```

```
ul li.checked::before {  
    content: "  
    position: absolute;  
    border-color: blue;  
    border-style: solid;  
    border-width: 0 2px 2px 0;  
    top: 10px;  
    left: 16px;  
    transform: rotate(45deg);  
    height: 15px;  
    width: 7px;  
}
```

```
.close {  
    position: absolute;  
    right: 0;  
    top: 0;  
    padding: 12px 16px 12px 16px;  
}
```

```
.close:hover {  
    background-color: rgb(255, 255, 128);  
    color: white;  
}
```

```
.header {  
  background-color: green;  
  padding: 30px 40px;  
  color: red;  
  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: cyan;  
  color: #666;  
  float: left;  
  text-align: center;  
  font-size: 16px;  
  cursor: pointer;  
  transition: 0.3s;  
  border-radius: 0;  
}
```

```
.addBtn:hover {  
  background-color: brown;  
}
```

```
</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>Go for a walk</li>
  <li class="checked">take a bath</li>
  <li>have your breakfast</li>
  <li>go to the school</li>
  <li>Read a book</li>
  <li>go to the gym</li>
</ul>
```

```
<script>
//JAVASCRIPT CODE
var myNodelist = document.getElementsByTagName("LI");
var i;
for (i = 0; i < myNodelist.length; i++) {
  var span = document.createElement("SPAN");
  var txt = document.createTextNode("\u00D7");
  span.className = "close";
  span.appendChild(txt);
  myNodelist[i].appendChild(span);
}
```

```
var close = document.getElementsByClassName("close");
var i;
for (i = 0; i < close.length; i++) {
  close[i].onclick = function() {
    var div = this.parentElement;
    div.style.display = "none";
  }
}
```

```
var list = document.querySelector('ul');
list.addEventListener('click', function(ev) {
  if (ev.target.tagName === 'LI') {
    ev.target.classList.toggle('checked');
  }
}
```

```
}, false);
```

```
function newElement() {  
    var li = document.createElement("li");  
    var inputValue = document.getElementById("myInput").value;  
    var t = document.createTextNode(inputValue);  
    li.appendChild(t);  
    if (inputValue === "") {  
        alert("You must write something!");  
    } else {  
        document.getElementById("myUL").appendChild(li);  
    }  
    document.getElementById("myInput").value = "";
```

```
  
    var span = document.createElement("SPAN");  
    var txt = document.createTextNode("\u00D7");  
    span.className = "close";  
    span.appendChild(txt);  
    li.appendChild(span);
```

```
  
    for (i = 0; i < close.length; i++) {  
        close[i].onclick = function() {  
            var div = this.parentElement;  
            div.style.display = "none";  
        }  
    }  
}  
</script>
```

```
</body>  
</html>
```

//OUTPUT

My To Do List

Title...

Add

Go for a walk

×

✓ ~~take a bath~~

×

have your breakfast

×

✓ ~~go to the school~~

×

Read a book

×

go to the gym

×