To Do List

Create The To Do List

Step 1) Add HTML:

Example

<div id=”myDIV” class=”header”>

<h2>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>

<li>Organize office</li>

</ul>

Step 2) Add CSS:

Style the header and the list:

Example

/\* Include the padding and border in an element’s total width and height \*/

* {

Box-sizing: border-box;

}

/\* Remove margins and padding from the list \*/

Ul {

Margin: 0;

Padding: 0;

}

/\* Style the list items \*/

Ul li {

Cursor: pointer;

Position: relative;

Padding: 12px 8px 12px 40px;

Background: #eee;

Font-size: 18px;

Transition: 0.2s;

/\* make the list items unselectable \*/

-webkit-user-select: none;

-moz-user-select: none;

-ms-user-select: none;

User-select: none;

}

/\* Set all odd list items to a different color (zebra-stripes) \*/

Ul li:nth-child(odd) {

Background: #f9f9f9;

}

/\* Darker background-color on hover \*/

Ul li:hover {

Background: #ddd;

}

/\* When clicked on, add a background color and strike out text \*/

Ul li.checked {

Background: #888;

Color: #fff;

Text-decoration: line-through;

}

/\* Add a “checked” mark when clicked on \*/

Ul li.checked::before {

Content: ‘’;

Position: absolute;

Border-color: #fff;

Border-style: solid;

Border-width: 0 2px 2px 0;

Top: 10px;

Left: 16px;

Transform: rotate(45deg);

Height: 15px;

Width: 7px;

}

/\* Style the close button \*/

.close {

Position: absolute;

Right: 0;

Top: 0;

Padding: 12px 16px 12px 16px;

}

.close:hover {

Background-color: #f44336;

Color: white;

}

/\* Style the header \*/

.header {

Background-color: #f44336;

Padding: 30px 40px;

Color: white;

Text-align: center;

}

/\* Clear floats after the header \*/

.header:after {

Content: “”;

Display: table;

Clear: both;

}

/\* Style the input \*/

Input {

Margin: 0;

Border: none;

Border-radius: 0;

Width: 75%;

Padding: 10px;

Float: left;

Font-size: 16px;

}

/\* Style the “Add” button \*/

.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;

}

Step 3) Add JavaScript:

// Create a “close” button and append it to each list item

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);

}

// Click on a close button to hide the current list item

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”;

}

}

// Add a “checked” symbol when clicking on a list item

Var list = document.querySelector(‘ul’);

List.addEventListener(‘click’, function(ev) {

If (ev.target.tagName === ‘LI’) {

Ev.target.classList.toggle(‘checked’);

}

}, false);

// Create a new list item when clicking on the “Add” button

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”;

}

}

}