1.

<!DOCTYPE html>

<html>

<head>

<meta name="viewport" content="width=device-width, initial-scale=1">

<style>

body {

margin: 0;

min-width: 250px;

}

/\* 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;

list-style-type: none;

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: #36c1f4;

color: white;

}

/\* Style the header \*/

.header {

background-color: #36c1f4;

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;

}

</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>

<li>Organize office</li>

</ul>

<script>

// 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";

}

}

}

</script>

</body>

</html>

2.

<html>

<body>

<input type text="text" id="txtloop" />

<input type="button" id="btnEnter" value="Enter" onclick="fibonacci\_series(txtloop.value)" />

<p id="output"></p>

<p id="demo"></p>

<script>

var fibonacci\_series = function (n)

{

if (n==1)

{

var loop = [0, 1];

document.getElementById("output").innerHTML = loop;

return loop;

}

else

{

var s = fibonacci\_series(n - 1);

s.push(s[s.length - 1] + s[s.length - 2]);

document.getElementById("output").innerHTML =s;

return s;

}

};

</script>

</body>

</html>