**HTML file:-**

<!DOCTYPE html>

<html>

<head>

<title>Todo</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width,initial-scale=1.0">

<meta http-equiv="X-UA-Compatible" content="ie=edge">

</head>

<body>

<div id="container">

<div class="controls">

<h1>My Awesome TODO</h1>

<input type="text" id="input"><br>

<button type="button" id="add">Add</button>

<button type="button" id="remove">Remove</button>

<button type="button" id="remove1">Remove All</button>

</div>

<ul id="list">

<li class="mycheck"><input type="checkbox" id="check"><label>Hello Let's Grow More</label></li>

<li class="mycheck"><input type="checkbox" id="check" checked><label>Welcome to my todo app</label></li>

</ul>

</div>

</body>

</html>

**CSS file :-**

body {

background-color: #34495e;

}

#container{

width: 300px;

height: auto;

margin: 0 auto;

text-align: center;

background: white;

height: 600px;

overflow-y: auto;

color: black;

border: 10px solid #01a3a4;

border-radius: 10px;

}

#container h1{

margin-top: 50px;

margin-bottom: 50px;

text-transform: uppercase;

}

#container ul {

margin-top: 50px;

padding-left: 0;

}

#container ul li{

list-style: none;

border: 2px solid #b5c5dd;

width: 80%;

opacity: 0;

transition: opacity 0.5s ease-in-out;

height: 40px;

margin: 5px auto;

text-align: left;

}

#container ul li label{

margin: 0 auto;

vertical-align: middle;

height: 100%;

line-height: 40px;

font-size: 18px;

}

#container ul li #check{

float: left;

width: 30px;

height: 30px;

margin: 5px;

border: 2px solid #b5c5dd;

position: relative;

outline: 0;

}

#container ul li #check:checked:after{

content: '\2714';

font-size: 20px;

position: absolute;

top: 0px;

left: 7px;

color: black;

}

#container ul li input[type="checkbox"]:checked + label{

text-decoration: line-through;

color: rgba(0,0,0,.3);

}

#container .controls{

width: 60%;

margin: auto;

}

#container .controls #input{

width: 100%;

height: 30px;

font-size: 20px;

padding-left: 5px;

box-sizing: border-box;

margin-bottom: 20px;

border: 2px solid #b5c5dd;

border-radius: 10px;

}

#container .controls #input:focus{

outline: 0;

}

#container .controls button{

width:100%;

background:white;

border:none;

height:30px;

margin-top: 2px;

cursor: pointer;

color: white;

}

#container .controls button:focus{

outline:0;

}

#container .controls button:hover{

transform: scale(1.05);

}

#container .controls #add{

background: #2980b9;

border-radius: 10px;

}

#container .controls #remove {

background-color:#c0392b;

border-radius: 10px;

}

#container .controls #remove1 {

background-color:#c0392b;

border-radius: 10px;

}

#container .mycheck {

opacity: 1;

border-radius: 10px;

}

.visual{

opacity: 1 !important;

border-radius: 10px;

}

**JS file :-**

window.onload=function(){

var ul = document.getElementById("list");

var li;

var addButton = document.getElementById('add');

addButton.addEventListener('click', addItem);

var removeButton = document.getElementById('remove');

removeButton.addEventListener('click',removeItem);

var removeAllButton = document.getElementById('remove1');

removeAllButton.addEventListener('click',removeAll);

function addItem(){

var input = document.getElementById('input');

var item = input.value;

var textnode = document.createTextNode(item);

if(item === ''){

return false;

}else{

li=document.createElement('li');

var checkbox = document.createElement('input');

checkbox.type = 'checkbox';

checkbox.setAttribute('id','check');

var label = document.createElement('label');

ul.appendChild(label);

li.appendChild(checkbox);

label.appendChild(textnode);

li.appendChild(label);

ul.insertBefore(li,ul.childNodes[0]);

setTimeout(() => {

li.className = 'visual';

},2);

input.value = '';

}

}

function removeAll(){

li=ul.children;

for(let index = 0; index < li.length; index++){

ul.removeChild(li[index]);

}

}

function removeItem(){

li=ul.children;

for(let index = 0; index < li.length; index++){

while(li[index] && li[index].children[0].checked){

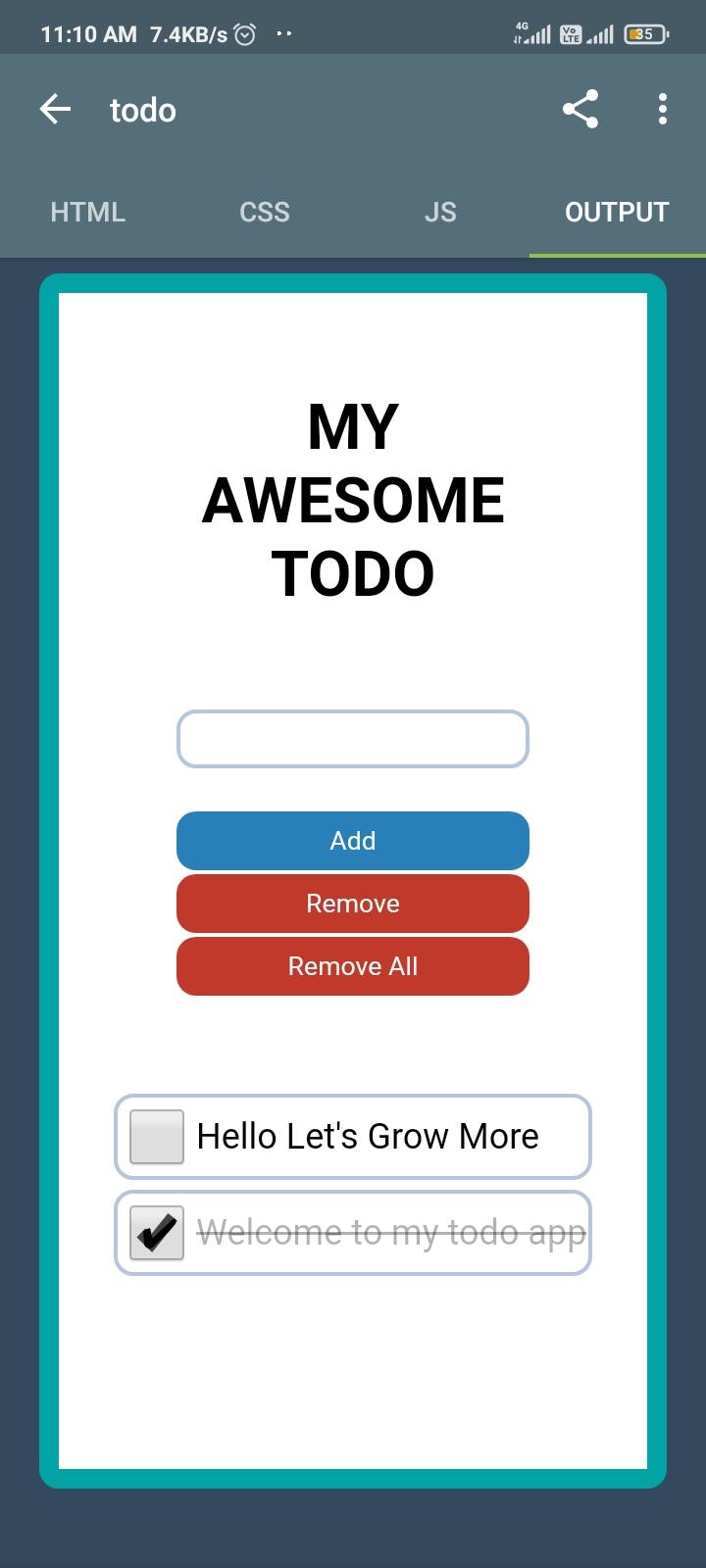
ul.removeChild(li[index]);

}

}

}}

**Output :-**

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