

Task List

HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
  <title>ToDo List</title>
  <link
    rel="stylesheet"
    href="https://fonts.googleapis.com/css?family=Poppins&display=swap"
    />
  <link
    href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
    rel="stylesheet" integrity="sha384-
    QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMhY6hW+ALEwIH"
    crossorigin="anonymous">
  <link rel="stylesheet" href="./style.css"/>
</head>
<body>
  <header>
    <h1>Daiwik's To Do List</h1>
  </header>
  <form id="abc">
    <input type="text" class="todo-input"/>
    <button class="todo-button" type="submit">
      <i class="fas fa-plus-square">+</i>
    </button>

    <div class="select">
      <select name="todos" class="filter-todo">
        <option value="all">ALL</option>
        <option value="completed">Completed</option>
        <option value="uncompleted">uncompleted</option>
      </select>
    </div>
  </form>
  <div class="todo-container">
    <ul class="todo-list"></ul>
  </div>

  <script src="./app.js"></script>
</body>
</html>
```

CSS

```
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
body {
  background-image: linear-gradient(120deg, #f6d365 0%, #fda085 100%);
  color: white;
  font-family: "poppins", sans-serif;
  min-height: 100vh;
}
header {
  font-size: 2rem;
}

header,
form {
  min-height: 20vh;
  display: flex;
  justify-content: center;
  align-items: center;
}
form input,
form button {
  padding: 0.5rem;
  font-size: 2rem;
  border: none;
  background: white;
}
form button {
  color: #ff6f47;
  background: #f7fffe;
  cursor: pointer;
  transition: all 0.3s ease;
}
form button:hover {
  background: #ff6f47;
  color: white;
}
.todo-container {
  display: flex;
  justify-content: center;
```

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    align-items: center;
}

.todo-list {
    min-width: 30%;
    list-style: none;
}

.todo {
    margin: 0.5rem;
    background: white;
    font-size: 1.5rem;
    color: black;
    display: flex;
    justify-content: space-between;
    align-items: center;
    transition: all 1s ease;
}

.filter-todo {
    padding: 1rem;
}

.todo li {
    flex: 1;
}

.trash-btn,
.complete-btn {
    background: #ff6f47;
    color: white;
    border: none;
    padding: 1rem;
    cursor: pointer;
    font-size: 1rem;
}

.complete-btn {
    background: rgb(11, 212, 162);
}

.todo-item {
    padding: 0rem 0.5rem;
}

.fa-trash,
.fa-check {
    pointer-events: none;
}

.fall {
    transform: translateY(10rem) rotateZ(20deg);
```

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    opacity: 0;
}

.completed {
    text-decoration: line-through;
    opacity: 0.5;
}

/*CUSTOM SELECTOR*/
select {
    -webkit-appearance: none;
    -moz-appearance: none;
    -ms-appearance: none;
    appearance: none;
    outline: 0;
    box-shadow: none;
    border: 0 !important;
    background-image: none;
}

/*custom select*/
.select {
    margin: 1rem;
    position: relative;
    overflow: hidden;
}
select{
    color: #ff6f47;
    font-family: "poppins", sans-serif;
    cursor: pointer;
    width: 12rem;
}

/* Arrow*/
.select::after{
    content: "\25BC";
    position: absolute;
    top: 0;
    right: 0;
    padding: 1rem;
    background: #ff6f47;
    cursor: pointer;
    pointer-events: none;
}

/*Transition*/

/*.select:hover::after{
transform: scale(1.5);
}

```

JS

```
//getting variables
const todoInput = document.querySelector(".todo-input");
const todoButton = document.querySelector(".todo-button");
const todoList = document.querySelector(".todo-list");
const todoFilter = document.querySelector(".filter-todo");

document.addEventListener('DOMContentLoaded',function(e){
  getTodo();
})
todoButton.addEventListener("click", addTodo);
todoList.addEventListener("click", deletecheck);
todoFilter.addEventListener("click", filterTodo);

function addTodo(e) {
  //creating li element
  const todoDiv = document.createElement("div")
  todoDiv.className = "todo";
  const todos = document.createElement("li");
  todos.className = "todo-item";
  todos.appendChild(document.createTextNode(todoInput.value));
  todoDiv.appendChild(todos);
  todoInput.value = "";

  //create complete-button
  const completeBtn = document.createElement('button');
  completeBtn.className = "complete-btn";
  completeBtn.innerHTML = '<i class="fas fa-check"></i>';
  todoDiv.appendChild(completeBtn);

  //creating trash-button
  const trashBtn = document.createElement('button');
  trashBtn.className = "trash-btn";
  trashBtn.innerHTML = '<i class="fas fa-trash"></i>';
  todoDiv.appendChild(trashBtn);
  todoList.appendChild(todoDiv);

  todoInput.value = "";

  // //create complete-buttonateElement("button");
  // trashBtn.className = "trashbtn";
  // trashBtn.innerHTML = '<i class="fas fa-trash"></i>';
  // todoDiv.appendChild(trashBtn);
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    // todoList.appendChild(todoDiv);

    e.preventDefault();
}

function deletecheck(e) {
    //Delete functionalities

    const items = e.target;

    if (items.className === "trash-btn") {
        const todo = items.parentElement;
        todo.classList.add("fall");
        removeTodo(todo);
        todo.addEventListener("transitionend", function () {
            todo.remove();
        });
    }

    //completed functionalities
    if(items.className === "complete-btn") {
        const todo = items.parentElement;
        console.log(todo);
        todo.classList.toggle("completed");
        console.log(todo);
    }

    e.preventDefault();
}

function filterTodo(e){
    const todos = todoList.childNodes;
    console.log(todos);
    todos.forEach(function(todo){
        switch(e.target.value) {
            case "all":
                todo.style.display = "flex";
                break;
            case "completed":
                if (todo.classList.contains("completed")) {
                    todo.style.display = "flex";
                } else {
                    todo.style.display = "none";
                }
                break;
            case "uncompleted":
                if (!todo.classList.contains("completed")) {
                    todo.style.display = "flex";
                } else {

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        todo.style.display = "none";
    }
    break;
default:
    console.log(e.target.value);
}
}))

e.preventDefault();
}

//TO SET TODO IN LOCAL STORAGE

function setTodos(todo){
    let todos;
    if(localStorage.getItem('todos')){
        todos= [];
    }else{
        todos = JSON.parse(localStorage.getItem("todos"));
    }
    todos.push(todo);
    //setting to loacal storage
    localStorage.setItem('todos', JSON.stringify(todos));
}

function getTodo() {
    let todos;
    if (localStorage.getItem("todos") === null) {
        todos = [];
    }else {
        todos.JSON.parse(localStorage.getItem("todos"));
    }
    todos.forEach(function(todo){
        const completeBtn = document.createElement("button");
        completeBtn.className = "complete-btn";
        completeBtn.HTML = '<i class="fas fa-check"></i>';
        todoDiv.appendChild(completeBtn);

        //creating trash-button
        const trashBtn = document.createElement("div");
        todoDiv.className="todos";
        const todos = document.createElement('li');
        todos.className = "todo-item";
        setTodos(todoInput.value);
        todos.appendChild(document.createTextNode(todoInput.value));
        todoDiv.appendChild(todos);

        todoInput.value = "";
    });
}

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```

        //create complete-buttonateElement("button");
        trashBtn.className = "trashbtn";
        trashBtn.innerHTML = '<i class="fas fa-trash"></i>';
        todoDiv.appendChild(trashBtn);
        todoList.appendChild(todoDiv);

    });
}

function removeTodo(todo){
    let todos;
    if (localStorage.getItem("todos") === null){
        todos = [];
    }else {
        todos = JSON.parse(localStorage.getItem("todos"));
    }
    const todoIndex = todo.children[0].innerText;
    todos.splice(indexOf(todoIndex), 1);
    localStorage.setItem("todos", JSON.stringify(todos));
}

```