To Do List JavaScript Source Code

Let todo = JSON.parse(localStorage.getItem("todo")) || [];

const todoInput = document.getElementById("todoInput");

const todoList = document.getElementById("todoList");

const todoCount = document.getElementById("todoCount");

const addButton = document.querySelector(".btn");

const deleteButton = document.getElementById("deleteButton");

// Initialize

document.addEventListener("DOMContentLoaded", function () {

addButton.addEventListener("click", addTask);

todoInput.addEventListener("keydown", function (event) {

if (event.key === "Enter") {

event.preventDefault(); // Prevents default Enter key behavior

addTask();

}

});

deleteButton.addEventListener("click", deleteAllTasks);

displayTasks();

});

function addTask() {

const newTask = todoInput.value.trim();

if (newTask !== "") {

todo.push({ text: newTask, disabled: false });

saveToLocalStorage();

todoInput.value = "";

displayTasks();

}

}

function displayTasks() {

todoList.innerHTML = "";

todo.forEach((item, index) => {

const p = document.createElement("p");

p.innerHTML = `

<div class="todo-container">

<input type="checkbox" class="todo-checkbox" id="input-${index}" ${

item.disabled ? "checked" : ""

}>

<p id="todo-${index}" class="${

item.disabled ? "disabled" : ""

}" onclick="editTask(${index})">${item.text}</p>

</div>

`;

p.querySelector(".todo-checkbox").addEventListener("change", () =>

toggleTask(index)

);

todoList.appendChild(p);

});

todoCount.textContent = todo.length;

}

function editTask(index) {

const todoItem = document.getElementById(`todo-${index}`);

const existingText = todo[index].text;

const inputElement = document.createElement("input");

inputElement.value = existingText;

todoItem.replaceWith(inputElement);

inputElement.focus();

inputElement.addEventListener("blur", function () {

const updatedText = inputElement.value.trim();

if (updatedText) {

todo[index].text = updatedText;

saveToLocalStorage();

}

displayTasks();

});

}

function toggleTask(index) {

todo[index].disabled = !todo[index].disabled;

saveToLocalStorage();

displayTasks();

}

function deleteAllTasks() {

todo = [];

saveToLocalStorage();

displayTasks();

}

function saveToLocalStorage() {

localStorage.setItem("todo", JSON.stringify(todo));

}