**Octanet Internship Batch June 1 to July1**

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**Task 2 Creating a To-Do-List using Html,Css and JavaScript.**

HTML Code

<!DOCTYPE html>

<html lang=”en”>

<head>

<meta charset=”UTF-8” />

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

<link rel=”stylesheet” href=”style.css” />

<title>ToDo App</title>

</head>

<body>

<div id=”wrapper”>

<h1> CONQUER YOUR DAY</h1>

<h2>ToDo List</h2>

<input type=”text” id=”input” />

<button id=”add”>Add</button>

<div id=”todoList”></div>

</div>

<script src=”./script.js”></script>

</body>

</html>

CSS (styles.css)

Html, body {

Margin: 0px;

Padding: 0px;

Font-family: ‘Poppins’, sans-serif;

Background-color: #f0f8ff; /\* Light Azure \*/

}

#wrapper h1 {

Color: #ff6347; /\* Tomato \*/

Display: flex;

Justify-content: center;

Margin-bottom: 10px;

}

#wrapper h2 {

Display: flex;

Justify-content: center;

}

H2 {

Color: #4682b4; /\* Steel Blue \*/

Letter-spacing: 1px;

}

Input {

Border-radius: 5px;

Border: 2px solid #32cd32; /\* Lime Green \*/

Margin-top: 30px;

Height: 2.5em;

Width: 250px;

Padding-left: 10px;

}

Input:active {

Border: none;

}

#wrapper {

Max-height: 500px;

Max-width: 400px;

Min-height: 400px;

Margin: 40px auto;

Background-color: #ffffff; /\* White \*/

Border-radius: 10px;

Padding: 30px;

}

Button {

Margin-top: 20px;

Background-color: #ffeb3b; /\* Light Yellow \*/

Border-radius: 4px;

Height: 44px;

Font-weight: 600;

Padding: 0 30px;

Letter-spacing: 1px;

Border: none;

Color: #000000; /\* Black \*/

}

Button:hover {

Cursor: pointer;

}

#todoList {

Color: #000000; /\* Black \*/

Font-size: 28px;

Margin-top: 10px;

}

#todoList p {

Margin: 10px 0px;

}

#todoList p:hover {

Cursor: pointer;

}

JavaScript (script.js)

Let button = document.getElementById(“add”);

Let todoList = document.getElementById(“todoList”);

Let input = document.getElementById(“input”);

//local storage,cookies

Let todos = [];

Window.onload = () => {

Todos = JSON.parse(localStorage.getItem(“todos”)) || [];

Todos.forEach((todo) => addtodo(todo));

};

Button.addEventListener(“click”, () => {

Todos.push(input.value);

localStorage.setItem(“todos”, JSON.stringify(todos));

addtodo(input.value);

input.value = “”;

});

Function addtodo(todo) {

Let para = document.createElement(“p”);

Para.innerText = todo;

Para.style.textAlign = “center”;

todoList.appendChild(para);

para.addEventListener(“click”, () => {

para.style.textDecoration = “line-through red”;

para.style.textDecorationColor=”red”;

remove(todo);

});

Para.addEventListener(“dblclick”, () => {

todoList.removeChild(para);

remove(todo);

});

}

Function remove(todo) {

Let index = todos.indexOf(todo);

If (index > -1) {

Todos.splice(index, 1);

}

localStorage.setItem(“todos”, JSON.stringify(todos));

}

Explanation

* HTML: The structure includes a container with an input field and a button to add tasks. There’s an unordered list to hold the tasks.
* CSS: Basic styling to make the application look clean and responsive. Flexbox is used for layout.
* JavaScript: Handles adding tasks to the list and deleting them. Tasks are added by clicking the “Add” button or pressing the “Enter” key.

**Output**

