NAMA: Laili septia

NIM: SI 17200023

PRODI: Premwork JS

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>TodoList</title>
</head>
<body>
    <form name="todoform">
        <table>
            <tbody>
                <tr>
                    <td><label for="todo">Todo:</label></td>
                    <td><input type="text" id="todo" name="todo"></td>
                </tr>
                <tr></tr>
                <tr><input type="submit" value="Add"></tr>
            </tbody>
        </table>
    </form>
    <h1>TodoList</h1>

    <table>
        <thead>
            <tr>
                <td>Filter:</td>
                <td>
                    <input type="text" name="search" id="search">
                </td>
            </tr>
        </thead>
        <tbody id="Todolist">
            <tr>
                <td><input type="button" value="Done"></td>
            </tr>
```

```html
        </tbody>
    </table>

    <script>
        const TodoList = [
            "Belajar Javascript Dasar",
            "Belajar JavaScript Objel oriented Programming",
            "Belajar JavaScipr Document Objek Model",
        ];

        function clearTodolistTable() {
            const TodoListTable = document.getElementById("todolist")
            while (TodoListTable.firstChild) {
                TodoListTable.removeChild(TodoListTable.firstChild);
            }
        }

        function removeChild(index) {
            TodoList.splice(index, 1);
            renderTodolist();
        }

        function AddTodoToTable(index, todo) {
            const TodoListTable = document.getElementById("todolist");
            const todoRow = document.createElement("tr");
            TodoListTable.append(todoRow);


            const todoItem = document.createElement("td");
            todoItem.textContent = todo;

            const todoButtonItem = document.createElement("td");
            const todoButtonDone = document.createElement("input");
            todoButtonDone.type = "button";
            todoButtonDone.value = "done";
            todoButtonDone.onclick = function () {
                removeTodoList(index);
            };

            todoButtonItem.append(todoButtonDone);
            todoRow.append(todoButtonItem, todoItem);
        }
        function renderTodoList() {
            clearTodolistTable();
            for (let i = 0; i < TodoList.length; i++) {
```

```
                const searchField = document.getElementById["search"];
                if
(todolist[i].toLowerCase().includes(searchField.value.trim().toLowerCase())) {
                    AddTodoToTable(i, TodoList[i]);
                }


            }
        }

        document.forms['todoform'].onsubmid = function event() {
            event.preventDefault();
            const todo = Document.forms['todoForm']['todo'].value
            todolist.push(todo);
            document.forms['todoForm'].reset();
            renderTodolist();
        }

        const searchField = document.getElementById("search");
        searchField.onkeydown = renderTodoList;
        searchField.onkeyup = renderTodoList;

        renderTodoList();
    </script>
</body>
</html>
```