ToDoList Component

# React JS Code

function ToDoList(){  
 const [tasks, setTasks] = useState([]);  
 const [newTask, setNewTask] = useState("");  
  
 function handleInputChange(event){  
 setNewTask(event.target.value);  
 }  
  
 function addTask(){  
 if(newTask.trim() !== ""){  
 setTasks(t => [...t, newTask]);  
 setNewTask("");  
 }  
 }  
  
 function deleteTask(index){  
 const updatedTasks = tasks.filter((\_, i) => i !== index);  
 setTasks(updatedTasks);  
 }  
  
 function moveTaskUp(index){  
 if(index > 0){  
 const updatedTasks = [...tasks];  
 [updatedTasks[index], updatedTasks[index - 1]] =   
 [updatedTasks[index - 1], updatedTasks[index]];  
 setTasks(updatedTasks);  
 }  
 }  
  
 function moveTaskDown(index){  
 if(index < tasks.length - 1){  
 const updatedTasks = [...tasks];  
 [updatedTasks[index], updatedTasks[index + 1]] =   
 [updatedTasks[index + 1], updatedTasks[index]];  
 setTasks(updatedTasks);  
 }  
 }  
  
 return(  
 <div className="to-do-list">  
 <h1>To-Do-List</h1>  
 <div>  
 <input  
 type="text"  
 placeholder="Enter a task..."  
 value={newTask}  
 onChange={handleInputChange}/>  
 <button  
 className="add-button"  
 onClick={addTask}>  
 Add  
 </button>  
 </div>  
 <ol>  
 {tasks.map((task, index) =>   
 <li key={index}>  
 <span className="text">{task}</span>  
 <button  
 className="delete-button"  
 onClick={() => deleteTask(index)}>  
 Delete  
 </button>  
 <button  
 className="move-button"  
 onClick={() => moveTaskUp(index)}>  
 ☝  
 </button>  
 <button  
 className="move-button"  
 onClick={() => moveTaskDown(index)}>  
 👇  
 </button>  
 </li>  
 )}  
 </ol>  
 </div>);  
}  
export default ToDoList

# CSS Code

body{  
 background-color: hsl(0, 0%, 10%);  
}  
.to-do-list{  
 font-family: Arial, sans-serif;  
 text-align: center;  
 margin-top: 100px;  
}  
h1{  
 font-size: 4rem;  
 color: white;  
}  
button{  
 font-size: 1.7rem;  
 font-weight: bold;  
 padding: 10px 20px;  
 color: white;  
 border: none;  
 border-radius: 5px;  
 cursor: pointer;  
 transition: background-color 0.5s ease;  
}  
.add-button{  
 background-color: hsl(125, 47%, 54%);  
}  
.add-button:hover{  
 background-color: hsl(125, 47%, 44%);  
}  
.delete-button{  
 background-color: hsl(10, 90%, 50%);  
}  
.delete-button:hover{  
 background-color: hsl(10, 90%, 40%);  
}  
.move-button{  
 background-color: hsl(207, 90%, 64%);  
}  
.move-button:hover{  
 background-color: hsl(207, 90%, 54%);  
}  
input[type="text"]{  
 font-size: 1.6rem;  
 padding: 10px;  
 border: 2px solid hsla(0, 0%, 80%, 0.5);  
 border-radius: 5px;  
 color: hsla(0, 0%, 0%, 0.5);  
}  
ol{  
 padding: 0;  
}  
li{  
 font-size: 2rem;  
 font-weight: bold;  
 padding: 15px;  
 background-color: hsl(0, 0%, 97%);  
 margin-bottom: 10px;  
 border: 3px solid hsla(0, 0%, 85%, 0.75);  
 border-radius: 5px;  
 display: flex;  
 align-items: center;  
}  
.text{  
 flex: 1;  
}  
.delete-button, .move-button{  
 padding: 8px 12px;  
 font-size: 1.4rem;  
 margin-left: 10px;  
}