

# App.jsx

```
import { useState } from "react";
import "../App.css";

function App() {
  // State to manage the list of tasks
  const [tasks, setTasks] = useState([]);
  // State to manage the input value for adding new tasks
  const [newTask, setNewTask] = useState("");

  // Event handler for adding tasks
  const handleAddTask = () => {
    if (newTask.trim() !== "") {
      setTasks([
        ...tasks,
        { id: Date.now(), content: newTask, completed: false },
      ]);
      setNewTask("");
    }
  };

  // Event handler for marking a task as completed
  const handleCompleteTask = (taskId) => {
    setTasks(
      tasks.map((task) =>
        task.id === taskId ? { ...task, completed: !task.completed } : task
      )
    );
  };

  // Event handler for deleting a task
  const handleDeleteTask = (taskId) => {
    setTasks(tasks.filter((task) => task.id !== taskId));
  };

  return (
    <div className="App">
      <h1>To-Do List</h1>
      <div className="task-input">
        <input
          type="text"
          placeholder="Add new task"
          value={newTask}
          onChange={(e) => setNewTask(e.target.value)}
        />
        <button onClick={handleAddTask}>Add</button>
      </div>
      <ul className="task-list">
        {tasks.map((task) => (
          <li key={task.id} className={task.completed ? "completed" : ""}>
            <span>{task.content}</span>
            <div>
              <button onClick={() => handleCompleteTask(task.id)}>
                {task.completed ? "Undo" : "Complete"}
              </button>
              <button onClick={() => handleDeleteTask(task.id)}>Delete</button>
            </div>
          </li>
        ))}
      </ul>
    </div>
  );
}
```

```

    )))}
  </ul>
</div>
);
}

export default App;

```

## App.css

```

.App {
  font-family: Arial, sans-serif;
  max-width: 400px;
  margin: 0 auto;
}

.task-input {
  margin-bottom: 10px;
}

.task-input input {
  padding: 5px;
  width: 70%;
  margin-right: 5px;
}

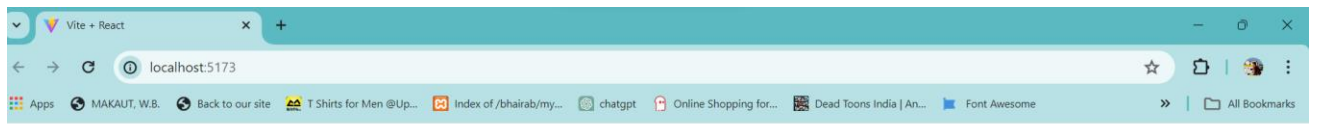
.task-input button {
  padding: 5px 10px;
}

.task-list {
  list-style-type: none;
  padding: 0;
}

.task-list li {
  margin-bottom: 5px;
  padding: 10px;
  border: 1px solid #ccc;
  display: flex;
  justify-content: space-between;
}

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

```



## To-Do List

Task 1

task 2

task 3

task 4

