

```
<!DOCTYPE html>

<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>React To-Do App</title>
    <style>
      body {
        font-family: Arial, sans-serif;
        background-color: #f8f9fa;
        display: flex;
        justify-content: center;
        align-items: center;
        height: 100vh;
      }

.todo-container {
  background: white;
  padding: 2rem;
  border-radius: 8px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  width: 350px;
}

h1 {
  text-align: center;
```

```
color: #333;  
}  
  
form {  
display: flex;  
margin-bottom: 1rem;  
}  
  
input[type="text"] {  
flex: 1;  
padding: 10px;  
border: 1px solid #ccc;  
border-radius: 4px 0 0 4px;  
outline: none;  
}  
  
button {  
background-color: #007bff;  
color: white;  
border: none;  
padding: 10px 15px;  
border-radius: 0 4px 4px 0;  
cursor: pointer;  
}  
  
button:hover {
```

```
background-color: #0056b3;  
}
```

```
ul {  
list-style: none;  
padding: 0;  
}
```

```
li {  
background-color: #f1f1f1;  
margin: 5px 0;  
padding: 10px;  
border-radius: 4px;  
display: flex;  
justify-content: space-between;  
align-items: center;  
}
```

```
li.completed {  
text-decoration: line-through;  
color: gray;  
}
```

```
.delete-btn {  
background: none;  
border: none;
```

```
        color: red;  
        font-weight: bold;  
        cursor: pointer;  
    }  
  
</style>  
  
</head>  
  
<body>  
  
    <div id="root"></div>  
  
  
    <!-- React + ReactDOM from CDN -->  
  
    <script src="https://unpkg.com/react@18/umd/react.development.js"  
crossorigin></script>  
  
    <script src="https://unpkg.com/react-dom@18/umd/react-dom.development.js"  
crossorigin></script>  
  
    <script src="https://unpkg.com/@babel/standalone/babel.min.js"></script>  
  
  
    <!-- React Code -->  
  
    <script type="text/babel">  
  
        function TodoApp() {  
  
            const [tasks, setTasks] = React.useState([]);  
  
            const [input, setInput] = React.useState("");  
  
  
            const addTask = (e) => {  
                e.preventDefault();  
  
                if (!input.trim()) return;  
  
                setTasks([...tasks, { id: Date.now(), text: input, completed: false }]);  
  
                setInput("");  
        }  
    </script>
```

```
};

const toggleTask = (id) => {
  setTasks(
    tasks.map((task) =>
      task.id === id ? { ...task, completed: !task.completed } : task
    )
  );
};

const deleteTask = (id) => {
  setTasks(tasks.filter((task) => task.id !== id));
};

return (
  <div className="todo-container">
    <h1>📝 To-Do App</h1>
    <form onSubmit={addTask}>
      <input
        type="text"
        placeholder="Add a new task..."
        value={input}
        onChange={(e) => setInput(e.target.value)}
      />
      <button type="submit">Add</button>
    </form>
  </div>
);
```

```
<ul>
  {tasks.map((task) => (
    <li
      key={task.id}
      className={task.completed ? "completed" : ""}
      onClick={() => toggleTask(task.id)}
    >
      {task.text}
      <button
        className="delete-btn"
        onClick={(e) => {
          e.stopPropagation();
          deleteTask(task.id);
        }}
      >
        ✕
      </button>
    </li>
  )));
</ul>
</div>
);

}

const root = ReactDOM.createRoot(document.getElementById("root"));
root.render(<TodoApp />);
```

</script>

</body>

</html>