

```
<!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>
```

```

<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>