

1. Counter Application

Create a simple counter application with two buttons: one to increment the count and another to decrement it. Display the current count on the screen. Additionally, add a "Reset" button that sets the count back to 0.

Requirements:

- Use `useState()` to manage the counter state.
- The counter should start at 0.
- Style the buttons and counter display appropriately.

2. Toggle Display

Build a component that shows/hides a piece of text (e.g., "Hello, React!") when a button is clicked. Use `useState()` to track whether the text is visible or not.

Requirements:

- The button should toggle between "Show" and "Hide" based on the state.
- The text should only appear when the state is `true`.

3. Input Field and Display

Create a component with an input field and a display area. As the user types into the input field, the text should be displayed in real-time below the input field. Add a "Clear" button to reset the input and display.

Requirements:

- Use `useState()` to manage the input value.
- The display should update dynamically as the user types.
- The "Clear" button should reset both the input and display to empty.

4. Todo List (Single Item)

Build a simple todo list component where the user can add a single todo item. The component should display the todo item and allow the user to remove it.

Requirements:

- Use `useState()` to manage the todo item (string).
- Include an input field, an "Add" button, and a "Remove" button.
- Display the todo item only if it exists.
- Show a message like "No todo item added yet" when there is no todo.