

1. Create a functional component that takes a name prop and renders a greeting message. How would you implement this?
2. Create a functional component that accepts an array of numbers as a prop and returns the sum of those numbers.
3. Define a class component that displays a counter. How would you initialize state and create a method to increment the counter?
4. Convert a functional component into a class component that manages state internally. What changes are required?
5. In a class component, how would you pass props to a child component and access them? Create a simple example.
6. How would you initialize state in a class component? Create a simple counter example with state.
7. Create a class component that tracks the number of times a button has been clicked using state. How do you update the state when the button is clicked?