JSX Topics Roadmap for Beginners

1. Basics of JSX
2. What is JSX and why React uses it
3. JSX syntax rules
4. Returning JSX from a component
5. Single parent element requirement
6. Embedding JavaScript in JSX
7. Using {} to embed JS expressions
8. Displaying variables and values
9. Performing inline calculations
10. Conditional expressions (? :) in JSX
11. Logical AND (&&) for conditional rendering
12. Lists and Rendering Multiple Elements
13. Using Array.map() to render lists
14. Using key prop for list items
15. Attributes in JSX
16. className vs class
17. htmlFor vs for
18. Other HTML attributes in JSX (id, src, alt, type, etc.)
19. Event Handling
20. Handling events like onClick, onChange, onSubmit
21. Passing arguments to event handlers
22. Preventing default behavior (e.preventDefault())
23. Components in JSX
24. Rendering other components inside JSX
25. Passing props to components
26. Children prop (props.children)
27. Conditional Rendering

28. if-else outside JSX
29. Ternary operators inside JSX

30. Logical AND (&&) shorthand

31. Fragments

32. <React.Fragment> or <>...</>

33. Avoiding unnecessary extra wrappers

34. Styling in JSX

35. Inline styles using objects

36. Dynamic class names using expressions

37. JSX Best Practices

38. Keeping JSX readable (splitting into smaller components)
39. Avoiding too much logic inside JSX
40. Self-closing tags (<img />, <input />)