

## **ReactJS – props**

1. Create a functional component called Welcome that receives a name prop and displays it inside an `<h1>` tag.
2. Pass multiple props (name, age, city) from a parent component to a child component and display them.
3. Write a React component that renders a UserCard component with the user's name and email passed as props.
4. Create a component Product that accepts title, price, and description as props and displays them in a styled card.
5. Create a component called Message that conditionally renders a message based on a isLoggedIn prop.
6. Create a Greeting component that receives a message prop and displays it inside a paragraph.
7. Pass a number as a prop and display its square in the child component.
8. Pass a list (array) of fruits as a prop and render it as a list in the child component.
9. Create a component that takes two props: firstName and lastName, and displays the full name.
10. Create a ColorBox component that receives a color prop and uses it as the background color of a div.
11. Pass a CSS class name as a prop and apply it to a paragraph element.

## **ReactJS - useState**

1. Create a component that uses useState to toggle between "ON" and "OFF" when a button is clicked.
2. Create a counter component that increases the count by 1 when a button is clicked.
3. Use useState to create a text input field and display the entered text below it in real time.
4. Create a component with a number input and use useState to store and display its square.
5. Create a component that shows and hides a message when a button is clicked
6. Build a simple form with name and email fields using useState. Show the values after the form is submitted.
7. Use useState to create a simple like button that toggles between "Like" and "Unlike".
8. Create a to-do list using useState where you can add new items to the list.