**ReactJs HandsOn-13**

1. **Explain various ways of conditional rendering**-> if-else statement  
   ->Ternary operator  
   ->Logical AND  
   -> Switch Statement

**2. Explain How to Render Multiple Components**-> Returning multiple elements from return():  
-> Using Arrays  
-> Fragments (<></>) – Avoids extra <div> tags:  
  
**3. Define List Component**

A List Component in React is a component that renders a collection of similar elements.

Usually created using Array.map().

**4. Explain About Keys in React Applications**

* Keys are unique identifiers for elements in lists.
* Help React identify which items changed, added, or removed → improves rendering performance**.**

**5. Explain How to Extract Components with Keys**

* When rendering lists, you often move the item UI to a separate component.
* Pass key when calling the component (not inside the child).

**6. Explain React Map, map() Function**

* React itself doesn’t have a special Map API – we use JavaScript’s map() function to iterate and render lists.  
   **Use of**map()**in React:**
* Turns **arrays into JSX elements**.
* Keeps code clean and dynamic.