

Assessment - 9

1) What is Error Boundary?

Error Boundaries are React Components that catch JS errors anywhere in their child component tree, log those errors, & display a fallback UI instead of the component tree that crashed.

2) What are the Limitations of Error Boundary?

Error boundaries do not catch errors for:

→ event handlers (learn more)

→ Asynchronous code (Eg. set Timeout or requestAnimationFrame - Frame callbacks)

→ Server side rendering

→ Error thrown in the error boundary itself (rather than its children)

3) Which errors can be handled in error boundaries?

Lifecycle errors

4) what is HOC?

A higher-order component is an advanced technique in React for reusing component logic. They are a pattern that emerges from React's compositional.

5) what is useMemo?

React has a built-in hook called useMemo that allows you to memoize expensive functions so that you can avoid calling them on every render.

6) what is useCallback?

The useCallback hook is used when you have a component in which the child is re-rendering again & again without need. Pass an inline callback & an array of dependencies.

7) what is useReducer?

useReducer is used to store and

update state, just like the useState Hook. It accepts a reducer function as its first parameter & the initial state as the second.