Module 9 - Introduction to React.js
State Management (Redux, Redux-Toolkit or Recoil)

• Question 1: What is Redux, and why is it used in React applications? Explain the core concepts of actions, reducers, and the store.

Answer: Redux is a state management library used to manage data across the whole app in one central place (the store).

- Actions → describe what you want to do (like a message).

- Reducers → decide how the state should change based on actions.

- Store → holds all the app's global state.

• Question 2: How does Recoil simplify state management in React compared to Redux?

Answer: Recoil is simpler than Redux because it lets you manage state like React hooks without too much setup. It directly shares state across components without extra boilerplate.