Module-7) React - Applying Redux

Q-1) What is Redux?

Ans-1) Redux is a way to manage the “state” or we can say it is a cache or storage that can be accessed by all components with a structured way. It has to be accessed through a “Reducer” and “Actions”.

Redux is simply a store to store the state of the variables in your app. Redux creates a process and procedures to interact with the store so that components will not just update or read the store randomly.

Q-2) What is Redux Thunk used for?

Ans-2) Redux Thunk middleware allows you to write action creators that return a function instead of an action. The thunk can be used to delay the dispatch of an action, or to dispatch only if a certain condition is met.

Q-3) What is Pure Component? When to use Pure Component over Component?

Ans-3) Pure Component implements a should Component Update method with a shallow prop and state comparison. Unlike a regular Component, which re-renders whenever a state or props changes, a Pure Component performs a shallow comparison to determine if the actual values have changed, not just the reference.

Q-4)What is the second argument that can optionally be passed tosetState and what is its purpose?

Ans-4) The second argument that can optionally be passed to setState is a callback function which gets called immediately after the setState is completed and the components get re-rendered.

Q-5)Create a Table and Search data from table using React Js ?