1. What is redux ?

Ans: Redux is a state management library for React application. Redux simply helps to manage the state of your application or in other words, It is used to manage the data of the application. It is used with a library like React.

1. What is Redux Thunk used for ?

Ans: The primary purpose of Redux-Thunk is to handle asynchronous actions in Redux.

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 certain condition is met.

1. What is Pure Component ? When to use Pure Components over Component ?

Ans: Pure Components are a subclass of React’s calss components that are designed to optimized performance by preventing unnecessary re-render. Pure Components is similar to component but it skips re-render for same props and state.

When a component’s output solely depends on its state and props, and there are no side effects, such as network requires or interaction with the DOM.

When a components receives complex data structure as props, and you can ensure that changes only occur at the top level, as Pure Component performs a shallow comparison.

1. What is the second argument that can optionally be passed tosetState and what is its purpose ?

Ans: 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.