**MODULE: 7 (React – Applying Redux)**

1)What is Redux?

Redux is an open source javascript library used to manage application state,react uses redux for building user interfaces.

2)What is Redux Thunk used for?

Redux thunk is a middleware that allows us to return functions instead of actions.Thunk can be used to delay the dispatch of an action or dispatch only if certain condition is met.the inner function receives the store methods dispatch and getState as paratmeters.

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

Function is said to be pure if it meets following two conditions:

Its return value is only determined by its input value.and Its return value is always the same for the same input values.

PureComponent is exactly same as a component except that it handles shouldComponentUpdate method.

We should use pure component when a component could rerender even if it had the same props and states.

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

Second parameter to the setState is an optional callback function that will be executed once setState is completed and the component is re-render.

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

● Create Login registration with CRUD Application using API (Redux)