**Day 6 React JS 22 Dec. 24**

useReducer(): useReducer is a type of hook provided by react js which help to manage state of component when we are doing more complex login on state variable.

useState() : it is use to do simple as well as very less work on state variable.

useReducer() : it is use to do complex as well as more operation on state variable then we need to use useReducer hook.

Syntax

let [variableName,setFunction]=useState(defaultValue);

let [stateVariableRef,dispatchFunction]=useReducer(reducerFunction,initialState)

reducer : reducer is a normal JavaScript function which takes two parameter

1. 1st parameter state
2. 2nd action

Base upon the action it will do the change on state variable.

initialState : it hold initial state variable of any types.

Dispatch : dispatch is a function which help to dispatch the action to reducer which also help to pass the payload ie data to reducer function(dynamic values if you need).

stateVaraibleRef : which help access state variable part of initialState