Day-18 Morning Assessment

Basic Theory

1. React.js is a JavaScript library used for building interfaces, which is developed by Facebook in 2013.
2. React components returns JSX whereas regular JS functions returns normal values.

React components can manage state and lifecycle where as regular JS functions doesn’t manage these.

1. JSX is known as JavaScript XML. It allowa HTML code in JavaScript which makes UI codes easier to access.
2. Functional components uses hooks and states where as class components uses ‘this’ and lifecycle methods. Class components use class syntax whereas functional components are written as functions.
3. return() returns the JSX code that should be rendered on the UI
4. Dynamic data can be displayed using {} inside JSX
5. Props: props are passed from parent class and can only be read.

State: states are managed inside the component and can be changed from time to time.

1. useState() is a hook which is used to add and manage the state in components.
2. Helps react identify elements in a list to update only the changed ones efficiently.
3. JSX components can be attached to eventhandlers like onClick or addEventListener, etc..