**REACT NOTE**

Class - 1

Here we created a counter button where counter counts between 0-20 by using useState() hook.

useState hook we use to manage the state variable where we if any state variable changes its value then the DOM object will re-render automatically (no need to refresh the URL).

Class - 2

Here we created a project after clicking a button the home page background color will change to corresponding button color by the help of useState hook

Class – 3

Here we created a password generate project where user can define the length of the password and user can decide that password would contain number or special character. By using useState, useRef, useEffect, useCallback

useCallback hook we use to optimize the code means it simply memorize the code no need to call the function multiple time syntax is similar to useEffect.

useEffect hook is use when we have to execute a BOC during some changes in our components.

useRef

here we use charAt() to find the character at that index.