**1.**

**Create a React component that manages multiple form input fields using a single state object and displays the values in real-time**

**2.**

**Create a React component that randomly displays one image from a set of predefined images and changes the image when a button is clicked**

**3.**

**Create react app which takes user defined inputs number 1 and number 2 and perform addition, subtraction, multiplication, division of the numbers. (Use useState hook)**

**4.**

**Create react app to filter images based on category while clicking on respective buttons.**

**In example,**

**Categories – All, Samsung, Vivo and Oneplus.**

**By clicking on “All” it will display mobiles of all brands. By clicking on specific brand it will display mobiles of respective brand.**

**5.**

**Use multiple contexts in a React application by creating and consuming them across different components.**

**uc1.js: Creates a context for CSS styling and provides it to Comp1.**

**uc2.js: Creates a context for a string value ("Students") and provides it to Comp2.**

**uc3.js: Consumes both contexts and displays a message with the provided styles and string.**

**6.** **Write an reactJS code using hooks containing two functional components named Calculate and Result.Calculate component should render two input box where numbers should be entered and a select box to select one of the below operations : Add ,subtract,multiplication or division,After number are entered and opration is selected,it should get redirected to Result component where answer of selected operation for entered numbers should be done.[use useContext hooks for data transferring and redirecring]**

**7.**

**Create a React app with three components: parent component P.js and two child components C1.js, C2.js.  
 Use useContext hook to pass two colors from the Parent component P.js to the Child component C2.js. (Yellow color as font color and Blue color as background color)  
In Child component C1.js import child component C2.js .  
In C2.js display “Full stack Development” text in h1 heading with above mentioned background color and font color using context.**