**202101619010116 => set -5 => cs146**

**Q.1**

import React from "react";

const Calculator = () => {

const [num1 , setNum1] = usestate(0);

const [num2 , setNum2] = usestate(0);

const [result , setResult] = usestate(0);

// Addtion

const addButton = () => {

setResult(num1 + num2);

}

// substraction

const subButton = () => {

setResult(num1 - num2);

}

// multiplication

const multiplyButton = () => {

setResult(num1 \* num2);

}

// division

const divButton = () => {

setResult(num1 / num2);

}

return (

<>

<h1>Calculator</h1>

<input type="text" value={num1} placeholder="Enter Number 1"

onChange={(e) => setNum1(e.target.value)} /><br/>

<input type="text" value={num2} placeholder="Enter Number 2"

onChange={(e) => setNum2(e.target.value)} /><br/>

<button onClick={addButton}> Add </button> <br></br>

<button onClick={subButton}> Subtract </button><br></br>

<button onClick={multiplyButton}> Multiplay </button><br></br>

<button onClick={divButton}> Division </button> <br></br>

<h2 style={{"color" : "red"}}>{result}</h2>

</>

)

}

export default Calculator

**Q.2**

import React from "react";

const Student = () => {

let students = ["Rahul", "Amit", "Priya", "sneha", "Karan"];

return(

<>

<h1 style={{'color':'purple'}}>List Of Students</h1>

<ol>

{students.map((students , index) => (

<li key={index}>{students}</li>

))}

</ol>

</>

)

}

export default Student