202101619010131

Set 5

Q1 Calculator

import React,{useState} from 'react';

import { Button } from "bootstrap"

const Q1Calc=()=>{

let [num1,setNum1]=useState("")

let [num2,setNum2]=useState("")

let [result,setResult]=useState("")

let Operations=(op)=>{

setResult(num1 + op +num2);

console.log(result);

}

switch (Operations) {

case '+':

setResult(num1+num2);

break;

case '-':

setResult(num1-num2);

break;

case '\*':

setResult(num1\*num2);

break;

case '/':

setResult(num1/num2);

break;

case '%':

setResult(num1%num2);

break;

default:

break;

}

return (

<>

<h1 style={{ color: "blue" }}>Q1 Calculator</h1>

<input type="number" className='btn btn-primary me-2' value={num1} onChange={(e)=>setNum1(e.target.value)} placeholder="Enter num1"/>

<input type="number" value={num2} onChange={(e)=>setNum2(e.target.value)} placeholder="Enter num2"/><br /><br />

<button className='btn btn-primary mb-3' onClick={Operations}>+</button>

<button className='btn btn-primary mb-3' onClick={Operations}>-</button>

<button className='btn btn-primary mb-3' onClick={Operations}>\*</button>

<button className='btn btn-primary mb-3' onClick={Operations}>/</button>

<button className='btn btn-primary mb-3' onClick={Operations}>/</button>

<h2>Output:- {result}</h2>

</>

)

}

export default Q1Calc

Q2 List

import React,{useState} from 'react'

const Q2ListRender=()=>{

let students=["Rahul","Priya","Amit","Sneha","Karan"]

return (

<>

<h1 style={{color:"brown"}}>Q2 List of Students</h1>

<ol>

{students!="" ? students.map=((item,index)=> <li key={index}>{item}</li>) : "List not found"}

</ol>

</>

)

}

export default Q2ListRender;

App.jsx

import "./App.css"

import Q1Calc from "./Q1Calc"

import Q2ListRender from "./Q2ListRender"

function App() {

return (

<>

<Q2ListRender /><br /><br /><br /><hr />

<Q1Calc />

</>

)

}

export default App