**Calculator**

let a=prompt('Enter 1st Number')

let b=prompt('Enter 2nd Number')

function App() {

  function add() {

    alert(Number(a)+Number(b));

  }

  function sub() {

    alert(Number(a)-Number(b));

  }

  function mul() {

    alert( Number(a)\*Number(b));

  }

  function div() {

    alert( Number(a)/Number(b));

    console.log(Number(a)/Number(b))

  }

  return (

    <div>

      <table className='App'>

      <button onClick={add}>ADD</button>

      <button onClick={sub}>Subtract</button>

      <button onClick={mul}>Multiply</button>

      <button onClick={div}>divide</button>

      </table>

    </div>

  );

}

**PURE COMPONENT**

**App.js**

import React from 'react';

import Parent from './component/Parent';

//import Child from './component/child';

//import Child1 from './component/child1';

function App()

{

  return(

    <div>

      <Parent />

    </div>

  );

}

export default App

**Parent.js**

import React from "react"

// import './parent.css'

import Child from "./child"

import Child1 from "./child1"

 class Parent extends React.Component{

    constructor()

    {

        super()

        this.state={message:"Welcome"}

    }

    componentDidMount(){

        setInterval(()=>{this.setState({message:"Welcome"})},2000)

    }

   render()

   {

    console.log("Parent")

    return(

    <>

        <Child name={this.state.message}/>

        <Child1 name={this.state.message}/>

    </>   )

   }

}

export default Parent;

**Child.js**

import React from "react";

class Child extends React.PureComponent{

    render(){

        console.log("child");

        return <><h1>{this.props.name}</h1></>

    }

}

export default Child;

**Child1.js**

import React from "react";

class Child1 extends React.Component{

    render(){

        console.log("Child1");

        return <><h1>{this.props.name}</h1></>

    }

}

export default Child1;