

Name:	Kiran Rathi
Practical No:	46
Practical Aim:	Write a Program to demonstrate the working of Form Input Props with useState for designing an interactive Web applications.
Section & Batch:	C C2

```

pr5 > src > JS Calculator.js > Calculator > total > total
1  import React from 'react'
2  import { useState } from 'react';
3
4  export default function Calculator() {
5      const [oops,setoops]=useState(0);
6      const [cws,setcws]=useState(0);
7      const [maths,setmaths]=useState(0);
8      const [phy,setphy]=useState(0);
9      const [t_marks,sett_marks]=useState();
10     const [percent,setpercent]=useState();
11
12     function total(){
13         let total=1*(1*oops+1 *maths+ 1*phy+ 1*cws);
14         let p=(total/400)*100;
15         sett_marks(total);
16         setpercent(p);
17     }
18
19     const change =(Event)=>{
20         setoops(Event.target.value);
21     }
22     const change1=(Event)=>{
23         setcws(Event.target.value)
24     }
25     const change2=(Event)=>{
26         setmaths(Event.target.value)
27     }
28     const change3=(Event)=>{
29         setphy(Event.target.value)
30     }

```

Code:

```
File Edit Selection View Go Run Terminal Help Calculator.js - cws2 - Visual Studio Code

EXPLORER
cws2
├── package-lock.json
├── package.json
├── README.md
├── biodata
├── pr5
│   ├── node_modules
│   ├── public
│   └── src
│       ├── App.css
│       ├── App.js
│       ├── App.test.js
│       ├── Calculator.js
│       ├── index.css
│       ├── index.js
│       ├── logo.svg
│       ├── reportWebVitals.js
│       ├── setupTests.js
│       ├── .gitignore
│       ├── package-lock.json
│       ├── package.json
│       ├── README.md
│       ├── practical1
│       ├── practical4
│       ├── OUTLINE
│       └── TIMELINE
└── ...

pr5 > src > JS Calculator.js > Calculator > total > total

24 }
25 const change2=(Event)=>{
26     setmaths(Event.target.value)
27 }
28 const change3=(Event)=>{
29     setphy(Event.target.value)
30 }
31
32 return (
33     <>
34     <center>
35         <h1>Score Calculation system</h1><hr></hr>
36         Name :<input type='text' placeholder='Enter your name'></input><br></br>
37         Roll no:<input type='text' placeholder='Enter your roll no'></input><br></br>
38         <hr></hr>
39         <h2>Enter your Marks</h2>
40         OOPs:<input type='text' value={oops} onChange={change}></input><br></br>
41         CWS:<input type='text' value={cws} onChange={change1}></input><br></br>
42         Maths:<input type='text' value={maths} onChange={change2}></input><br></br>
43         Physics:<input type='text' value={phy} onChange={change3}></input><br></br>
44         <button onClick={total}>Click to get Total Marks and Percent</button>
45         <hr></hr>
46         Total Marks:<input type='text' value={t_marks} ></input>
47         Percentage:<input type='text' value={percent} ></input>
48     </center>
49 </>
50 )
51 }
52
53
```

Output:

React App

localhost:3000

Score Calculation system

Name :Kiran Rath

Roll no:46

Enter your Marks

OOPs:90

CWS:95

Maths:88

Physics:93

Click to get Total Marks and Percent

Total Marks:366

Percentage:91.5

