

Solution: Build a calculator app

Here is the completed App.js file:

```
1  import React, { useState, useRef } from "react";
2  import "./App.css";
3
4  function App() {
5    const inputRef = useRef(null);
6    const resultRef = useRef(null);
7    const [result, setResult] = useState(0);
8
9    function plus(e) {
10     e.preventDefault();
11     // const inputVal = inputRef.current.value;
12     // const newResult = result + Number(inputVal);
13     // setResult(newResult);
14     setResult((result) => result + Number(inputRef.current.value));
15   }
16
17   function minus(e) {
18     e.preventDefault();
19     const inputVal = inputRef.current.value;
20     const newResult = result - Number(inputVal);
21     setResult(newResult);
22   }
23
24   function times(e) {
25     e.preventDefault();
26     const inputVal = inputRef.current.value;
27     const newResult = result * Number(inputVal);
28     setResult(newResult);
29   }
30
31   function divide(e) {
32     e.preventDefault();
33     const inputVal = inputRef.current.value;
34     const newResult = result / Number(inputVal);
35     setResult(newResult);
36   }
37
38   function resetInput(e) {
39     e.preventDefault();
40     inputRef.current.value = 0;
```

Here is the completed App.css file:

```
1  * {
2    font-family: sans-serif;
3  }
4  input,
5  button {
6    font-size: 20px;
7    padding: 10px;
8    border-radius: 5px;
```

```
9   }
10  input {
11    display: block;
12    margin-bottom: 20px;
13  }
14  button {
15    border: 1px solid gray;
16    background: whitesmoke;
17    margin-right: 5px;
18  }
19  button:nth-last-child(2),
20  button:nth-last-child(1) {
21    background: tomato;
22    color: white;
23  }
24
```

The screenshot of the completed calculator app:

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Simplest Working Calculator

8760

add

subtract

multiply

divide

reset input

reset result