

```
1 import React, { useMemo, useState } from 'react'
2
3 const UsememoExample2 = () => {
4
5     const [num1, setNum1] = useState(0);
6     const [num2, setNum2] = useState(0);
7
8     const sum = useMemo(()=>{
9         console.log('calculating... ');
10        return Number(num1) + Number(num2);
11    },[num1, num2]);
12
13
14
15    return (
16        <div className='bg-cyan-500 max-w-lg mx-3 p-4 rounded'>
17            <h2>UseMemo exmaple2</h2>
18
19            <input type="number"
20                placeholder='enter first number'
21                value={num1}
22                onChange={(e) => setNum1(e.target.value)} />
23
24            <input type="number"
25                placeholder='enter second number'
26                value={num2}
27                onChange={(e) => setNum2(e.target.value)} />
28
29            <p>sum: {sum}</p>
30        </div>
31    )
32}
33
34 export default UsememoExample2
```