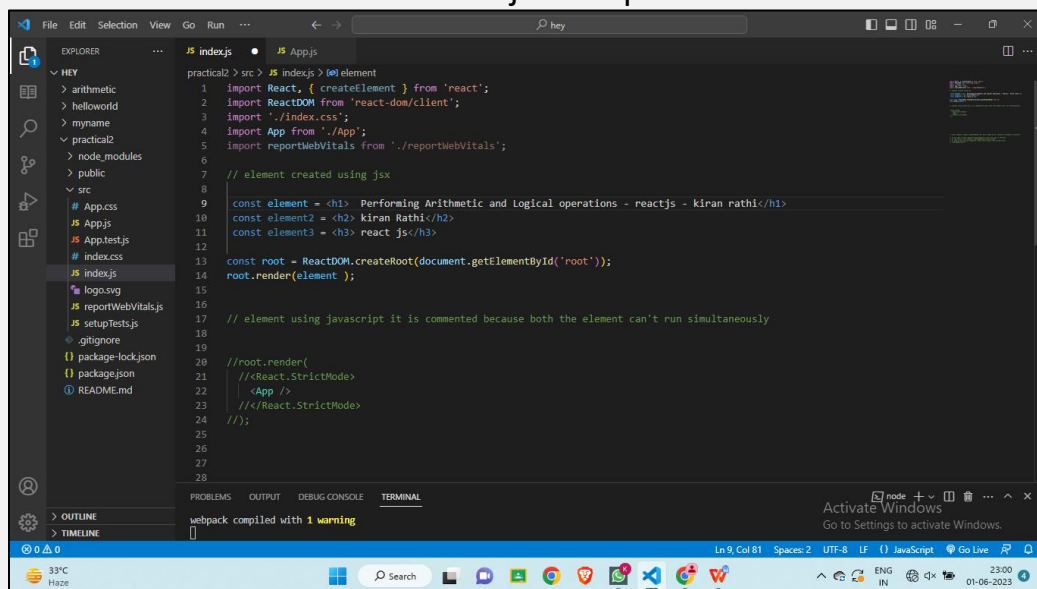


<b>Name:</b>	Kiran Rath		
<b>Practical No:</b>	02		
<b>Practical Aim:</b>	Write a Program to demonstrate the working of JSX, Create Element and Arithmetic and logical operators using create-react-app		
<b>Section &amp; Batch:</b>	C & C2	Roll No. = 46	

## Code:

To demonstrate the working of jsx by creating the element and commented element which uses javascript to do the same.

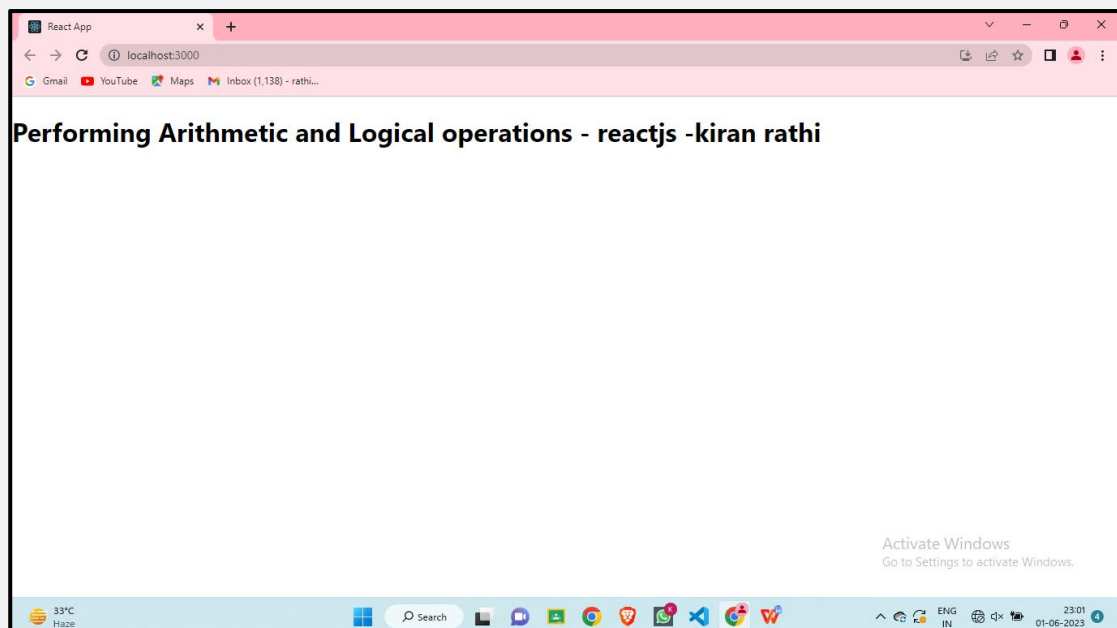


```

1  import React, { createElement } from 'react';
2  import ReactDOM from 'react-dom/client';
3  import './index.css';
4  import App from './App';
5  import reportWebVitals from './reportWebVitals';
6
7  // element created using jsx
8
9  const element1 = <h1> Performing Arithmetic and Logical operations - reactjs - kiran rathi</h1>
10 const element2 = <h2> kiran rathi</h2>
11 const element3 = <h3> react js</h3>
12
13 const root = ReactDOM.createRoot(document.getElementById('root'));
14 root.render(element1);
15
16 // element using javascript it is commented because both the element can't run simultaneously
17 //const element4 = <h3> react js</h3>
18
19 //root.render(
20 //  <React.StrictMode>
21 //    <App />
22 //  </React.StrictMode>
23 //);
24
25
26
27
28

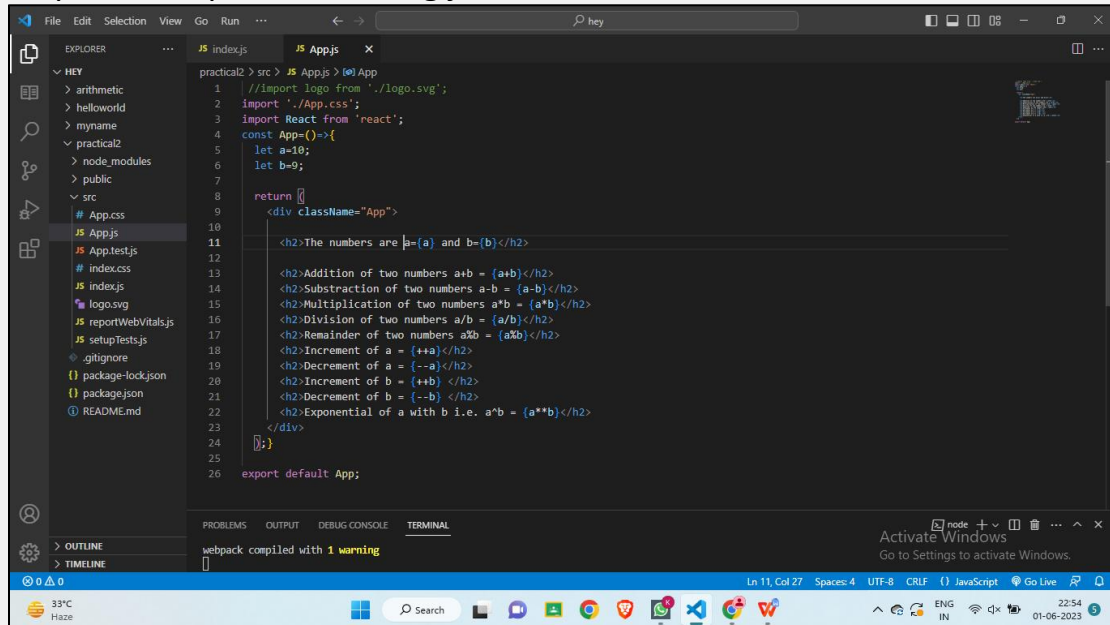
```

## Output of the created element :



## Code:

To perform operations using jsx.



```
1 //import logo from './logo.svg';
2 import './App.css';
3 import React from 'react';
4 const App=()=>{
5   let a=10;
6   let b=9;
7
8   return (
9     <div className="App">
10
11       <h2>The numbers are a={a} and b={b}</h2>
12
13       <h2>Addition of two numbers a+b = {a+b}</h2>
14       <h2>Subtraction of two numbers a-b = {a-b}</h2>
15       <h2>Multiplication of two numbers a*b = {a*b}</h2>
16       <h2>Division of two numbers a/b = {a/b}</h2>
17       <h2>Remainder of two numbers a%b = {a%b}</h2>
18       <h2>Increment of a = {++a}</h2>
19       <h2>Decrement of a = {--a}</h2>
20       <h2>Increment of b = {++b}</h2>
21       <h2>Decrement of b = {--b}</h2>
22       <h2>Exponential of a with b i.e. a^b = {a**b}</h2>
23     </div>
24   );
25 }
26 export default App;
```

## Output of the operations performed :

