

Name:	Kiran Rathi
Practical No:	3
Practical Aim:	Demonstrate the creation of functional component and class component in reactjs application
Section & Batch:	Section: C; Batch: C2
Roll no:	46

CODE:

1)App.js

```

Go Run ...  ← →  hey
JS App.js 4 ● # index.css # Style.css JS Add.js JS Sub.js JS Mul.js JS Div.js
p3 > src > JS App.js > App
1 import logo from './logo.svg';
2 import Style from './Style.css'
3 import './App.css';
4 import Add from './Add.js';
5 import Sub from './Sub.js';
6 import Mul from './Mul.js';
7 import Div from './Div.js';
8
9 function App() {
10   return (
11     <div><center>
12       <table border={3}>
13         <caption><h2>Name: Kiran Rathi<br></br>Roll no: C2_46<br></br><br></br>class component and function
14         component</h2></caption>
15         <tr>
16           <th classname='a1'><h1>Addition</h1><Add/></th>
17           <th classname='a2'><h1>Subtraction</h1><Sub/></th>
18         </tr>
19         <tr>
20           <th classname='a3'><h1>Multiplication</h1><Mul/></th>
21           <th classname='a4'><h1>Division</h1><Div/></th>
22         </tr>
23       </table></center>
24     </div>
25   );
26   export default App;
27

```

2)Add.js

```

Go Run ...  ← →  hey
JS App.js 4 ● # index.css # Style.css JS Add.js x JS Sub.js JS Mul.js JS Div.js
p3 > src > JS Add.js > Add
1 import react from 'react';
2 export default function Add()
3 {
4   var a=13;
5   var b=31;
6   var c = a+b;
7   return(
8     <div>
9       <h3>Addition of two numbers.<br></br><{a}> and <{b}> is <{c}></h3>
10     </div>
11   )
12 }

```

3) Sub.js

```
Go Run ...  ← →  hey
JS App.js 4 ● # index.css # Style.css JS Add.js JS Sub.js JS Mul.js JS Div.js
p3 > src > JS Sub.js > Sub
1  import react from 'react';
2  export default function Sub()
3  {
4      var a=13;
5      var b=31;
6      var c = a-b;
7      return(
8          <div>
9              <h3>Subtraction of two numbers<br></br></h3><div>{a}</div> and <div>{b}</div> is {c}</h3>
10         </div>
11     )
12 }
```

4) Mul.js

```
Go Run ...  ← →  hey
JS App.js 4 ● # index.css # Style.css JS Add.js JS Sub.js JS Mul.js JS Div.js
p3 > src > JS Mul.js > Mul
1  import react from 'react';
2  export default function Mul()
3  {
4      var a=13;
5      var b=31;
6      var c = a*b;
7      return(
8          <div>
9              <h3>Multiplication of two numbers<br></br></h3><div>{a}</div> and <div>{b}</div> is {c}</h3>
10         </div>
11     )
12 }
```

5) Div.js

```
Go Run ...  ← →  hey
JS App.js 4 ● # index.css # Style.css JS Add.js JS Sub.js JS Mul.js JS Div.js
p3 > src > JS Div.js > Div
1  import react from 'react';
2  export default function Div()
3  {
4      var a=13;
5      var b=31;
6      var c = a/b;
7      return(
8          <div>
9              <h3>Division of two numbers<br></br></h3><div>{a}</div> and <div>{b}</div> is {c}</h3>
10         </div>
11     )
12 }
```

OUTPUT:

