

## Experiment : 5

Input : (Heading.js , Para.js , List.js , App.js , index.js)

```
Heading.jsx X JS index.js JS App.js List.jsx
src > Heading.jsx > ...
1  import React, { StrictMode } from 'react';
2  function Heading () {
3      return(
4          <h1>Hello !! I am Sayali Jadhav</h1>
5      );
6  }
7  export default Heading;
8
```

```
Heading.jsx JS index.js JS App.js List.jsx X
src > List.jsx > default
1  import React, { StrictMode } from 'react';
2  function List () {
3      return(
4          <ol>
5              <li>Name : Sayali Jadhav</li>
6              <li>PRN : 231107019</li>
7              <li>Roll No : 19</li>
8              <li>Email : sayalijadhav162005@gmail.com</li>
9          </ol>
10     );
11 }
12
13 export default List;
```

```
Heading.jsx JS index.js JS App.js Para.jsx X List.jsx
src > Para.jsx > default
1  import React, { StrictMode } from 'react';
2  function Para () {
3      return(
4          <p>hello i am AIML engineering student from shirpur.</p>
5      );
6  }
7
8  export default Para;
```

Heading.jsx JS index.js JS App.js X List.jsx

src > JS App.js > default

```
1 import React, { StrictMode } from 'react';
2 import Heading from './Heading';
3 import List from './List';
4 import Para from './Para';
5 function App () {
6   return(
7     <div>
8       <h1>Hello I am Sayali Jadhav</h1>
9       <p>hello i am AIML engineering student from shirpur.</p>
10      <ol>
11        <li>Name : Sayali Jadhav</li>
12        <li>PRN : 231107019</li>
13        <li>Roll No : 19</li>
14        <li>Email : sayalijadhav162005@gmail.com</li>
15      </ol>
16    </div>
17  );
18 }
19 export default App;
```

Heading.jsx JS index.js X JS App.js Para.jsx List.jsx

src > JS index.js > ...

```
1 import React, { StrictMode } 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 const root = ReactDOM.createRoot(document.getElementById('root'));
8 root.render(
9   <StrictMode>
10    <App></App>
11  </StrictMode>
12
13 );
14
15
16 // If you want to start measuring performance in your app, pass a function
17 // to log results (for example: reportWebVitals(console.log))
18 // or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals
19 reportWebVitals();
```

Output :

# Hello !! I am Sayali Jadhav

hello i am AIML engineering student from shirpur.

1. Name : Sayali Jadhav
2. PRN : 231107019
3. Roll No : 19
4. Email : sayalijadhav162005@gmail.com

Input : (Heading.js , Para.js , List.js , Counter.js , App.js , index.js)

```
src > JS Counter.js > Counter
1  import React, { useState } from "react";
2
3  function Counter() {
4    // Declare a state variable count and a setter function setCount
5    const [count, setCount] = useState(0);
6
7    // Function to increment the count
8    const increment = () => {
9      setCount(count + 1);
10   };
11
12   // Function to decrement the count
13   const decrement = () => {
14     setCount(count - 1);
15   };
16
17   const reset = () => setCount(0);
18
19   return (
20     <div>
21       <h2>Current Count: {count}</h2>
22       <button onClick={increment}>Increment</button>
23       <button onClick={decrement}>Decrement</button>
24       <button onClick={reset}>Reset</button>
25     </div>
26   );
27 }
28
29 export default Counter;
```

exp1 &gt; src &gt; JS App.js &gt; ...

```
1  import React from 'react';
2
3  import Counter from './Counter';
4  import Heading from './Heading';
5  import Para from './Para';
6  import List from './List';
7
8  function App() {
9
10     return (
11       <div>
12         <h1>Welcome to the React App</h1>
13         <Heading />
14         <Para />
15         <List />
16         <Counter />
17       </div>
18     );
19   }
20
21   export default App;
```

# Hello !! I am Sayali Jadhav

hello i am AIML enginering student from shirpur.

1. Name : Sayali Jadhav
2. PRN : 231107019
3. Roll No : 19
4. Email : sayalijadhav162005@gmail.com

**Current Count: -4**

Increment

Decrement

Reset

## Input : (Counter.js , Greeting.js , App.js , index.js)

Heading.jsx JS index.js JS App.js JS Greeting.js X

```
exp1 > src > JS Greeting.js > ...
  1  import React from 'react';
  2
  3  // The child component receives 'name' as a prop
  4  function Greeting({ name }) {
  5    |   return <h2>Good Morning {name}</h2>;
  6    |
  7    |
  8  }
  9
 10  export default Greeting;
```

Heading.jsx JS index.js JS App.js X JS Greeting.js

```
exp1 > src > JS App.js > ...
  1  import React from 'react';
  2
  3  import Counter from './Counter';
  4  import Greeting from './Greeting';
  5
  6  function App() {
  7    |   const userName = "Sayali Jadhav";
  8    |
  9    |   return (
 10    |     <div>
 11    |       <h1>Welcome to the React App</h1>
 12    |       <Greeting name = "userName"/>;
 13    |       <Counter />
 14    |     </div>
 15    |   );
 16  }
 17
 18  export default App;
```

Output :

# Welcome to the React App

Good Morning userName!

;

**Current Count: 0**

Increment

Decrement

Reset