

Week 6-2.Create a class component , Create multiple components ,
Render a component

Component

About.js

```
import React, { Component } from 'react';
```

```
class About extends Component {  
  render() {  
    return (  
      <div>  
        <h3>Welcome to the About page of the student management portal</h3>  
      </div>  
    );  
  }  
}
```

Contact.js

```
class Contact extends Component {  
  render() {  
    return (  
      <div>  
        <h3>Welcome to the Contact page of the student management portal</h3>  
      </div>  
    );  
  }  
}  
export default Contact;import React, { Component } from 'react';
```

Home.js

```
import React, { Component } from 'react';
```

```
class Home extends Component {  
  render() {  
    return (  
      <div>  
        <h3>Welcome to the Home page of the student management portal</h3>  
      </div>  
    );  
  }  
}
```

```
}  
}
```

```
export default Home;
```

App.css

```
.App {  
  text-align: center;  
}
```

```
.App-logo {  
  height: 40vmin;  
  pointer-events: none;  
}
```

```
@media (prefers-reduced-motion: no-preference) {  
  .App-logo {  
    animation: App-logo-spin infinite 20s linear;  
  }  
}
```

```
.App-header {  
  background-color: #282c34;  
  min-height: 100vh;  
  display: flex;  
  flex-direction: column;  
  align-items: center;  
  justify-content: center;  
  font-size: calc(10px + 2vmin);  
  color: white;  
}
```

```
.App-link {  
  color: #61dafb;  
}
```

```
@keyframes App-logo-spin {  
  from {  
    transform: rotate(0deg);  
  }  
}
```

```
to {
  transform: rotate(360deg);
}
}
```

[App.js](#)

```
import './App.css';
import Home from './Component/Home';
import About from './Component/About';
import Contact from './Component/Contact';
```

```
function App() {
  return (
    <div className="container">
      <Home />
      <About />
      <Contact />
    </div>
  );
}
```

```
export default App;
```

[App.test.js](#)

```
import { render, screen } from '@testing-library/react';
import App from './App';
```

```
test('renders learn react link', () => {
  render(<App />);
  const linkElement = screen.getByText(/learn react/i);
  expect(linkElement).toBeInTheDocument();
});
```

[Index.css](#)

```
body {
  margin: 0;
  font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI', 'Roboto', 'Oxygen',
    'Ubuntu', 'Cantarell', 'Fira Sans', 'Droid Sans', 'Helvetica Neue',
    sans-serif;
  -webkit-font-smoothing: antialiased;
  -moz-osx-font-smoothing: grayscale;
}
```

```
code {  
  font-family: source-code-pro, Menlo, Monaco, Consolas, 'Courier New',  
    monospace;  
}
```

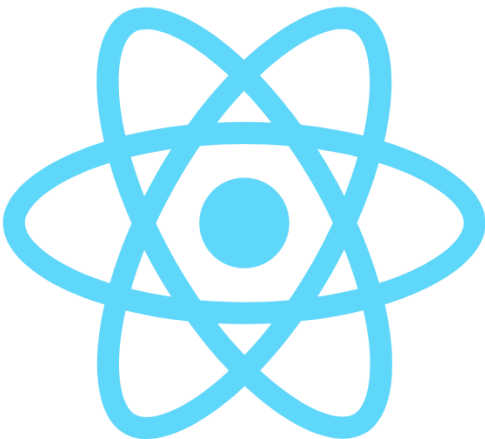
[index.js](#)

```
import React from 'react';  
import ReactDOM from 'react-dom/client';  
import './index.css';  
import App from './App';  
import reportWebVitals from './reportWebVitals';
```

```
const root = ReactDOM.createRoot(document.getElementById('root'));  
root.render(  
  <React.StrictMode>  
    <App />  
  </React.StrictMode>  
);
```

```
// If you want to start measuring performance in your app, pass a function  
// to log results (for example: reportWebVitals(console.log))  
// or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals  
reportWebVitals();
```

[Logo.svg](#)



[reportWebVitals.js](#)

```
const reportWebVitals = onPerfEntry => {  
  if (onPerfEntry && onPerfEntry instanceof Function) {  
    import('web-vitals').then(({ getCLS, getFID, getFCP, getLCP, getTTFB }) => {  
      getCLS(onPerfEntry);  
      getFID(onPerfEntry);  
      getFCP(onPerfEntry);  
      getLCP(onPerfEntry);  
      getTTFB(onPerfEntry);  
    });  
  }  
};  
};
```

export default reportWebVitals;

[setupTests.js](#)

```
// jest-dom adds custom jest matchers for asserting on DOM nodes.  
// allows you to do things like:  
// expect(element).toHaveTextContent(/react/i)  
// learn more: https://github.com/testing-library/jest-dom  
import '@testing-library/jest-dom';
```

Output

