

JSX

JSX stands for JavaScript XML and it allows us to write HTML in React.

All the components of react app must have extension jsx.

VITE

Vite optimizes code compilation and execution, which can result in a better end-user experience due to faster loading times and lower resource usage. It is super fast.

Step 1: `npm create vite@5.4.0`

Project name:

Select a framework: react

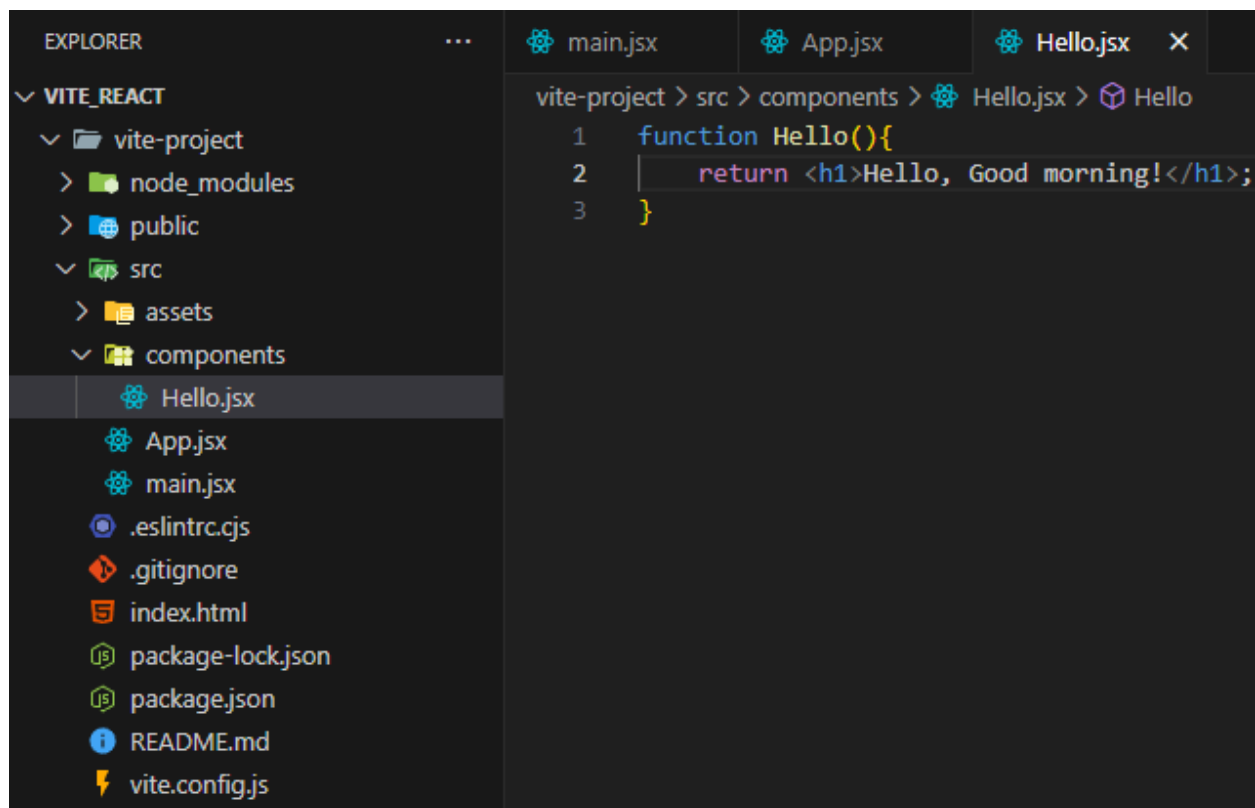
Select a variant: javascript

Step 2: `cd directory`

Step 3: `npm install`

Step 4: `npm run dev`

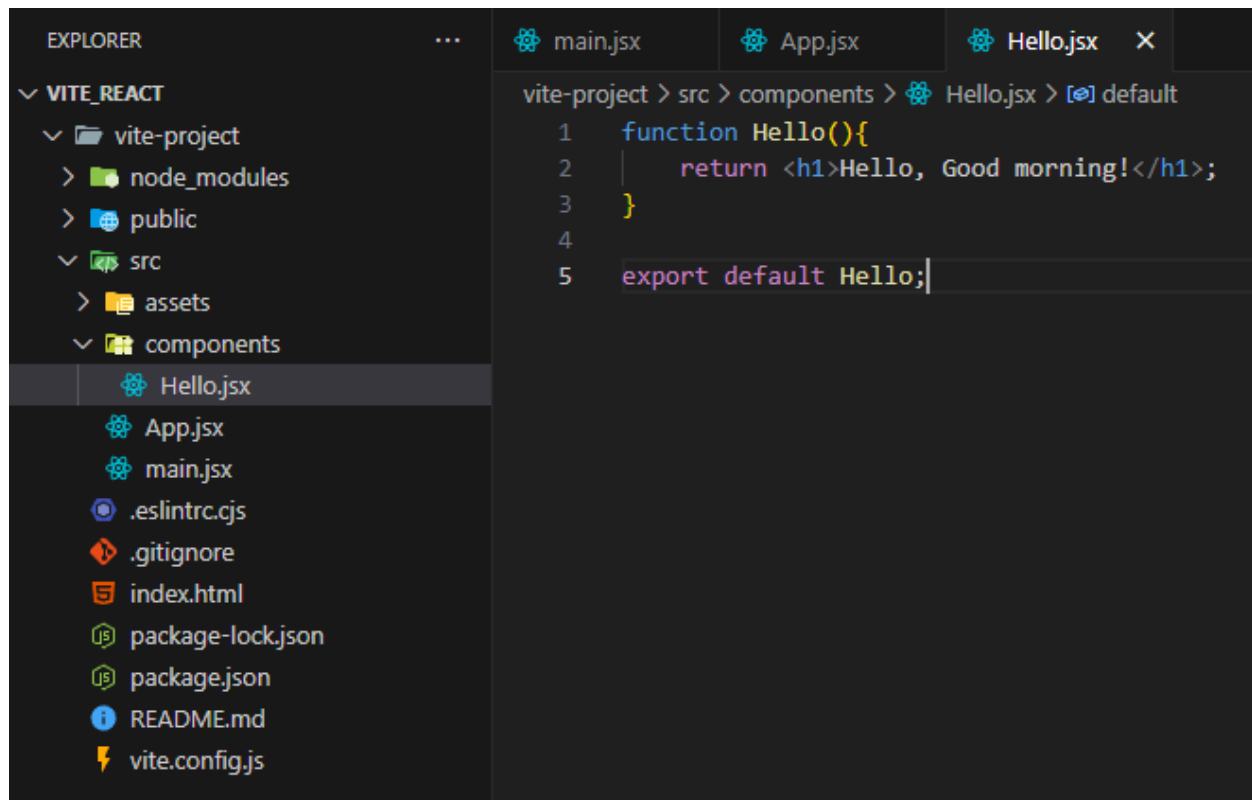
Step 5: `ctrl + C` to stop the server.



Create a component directory and manage all the components in the same directory.

The component name must be started with a capital letter and also the function inside the file must be of the same name as of the file.

We have to export the function before we import in some file.



The screenshot shows the Visual Studio Code interface. On the left, the Explorer sidebar displays the project structure under 'VITE_REACT'. The 'components' directory is expanded, showing 'Hello.jsx' as the selected file. Other files in the project include 'App.jsx', 'main.jsx', '.eslintrc.cjs', '.gitignore', 'index.html', 'package-lock.json', 'package.json', 'README.md', and 'vite.config.js'. On the right, the editor shows the content of 'Hello.jsx'. The breadcrumb navigation indicates the path: 'vite-project > src > components > Hello.jsx > default'. The code defines a 'Hello' function that returns a JSX element and exports it as the default export.

```
1 function Hello(){
2   return <h1>Hello, Good morning!</h1>;
3 }
4
5 export default Hello;
```

