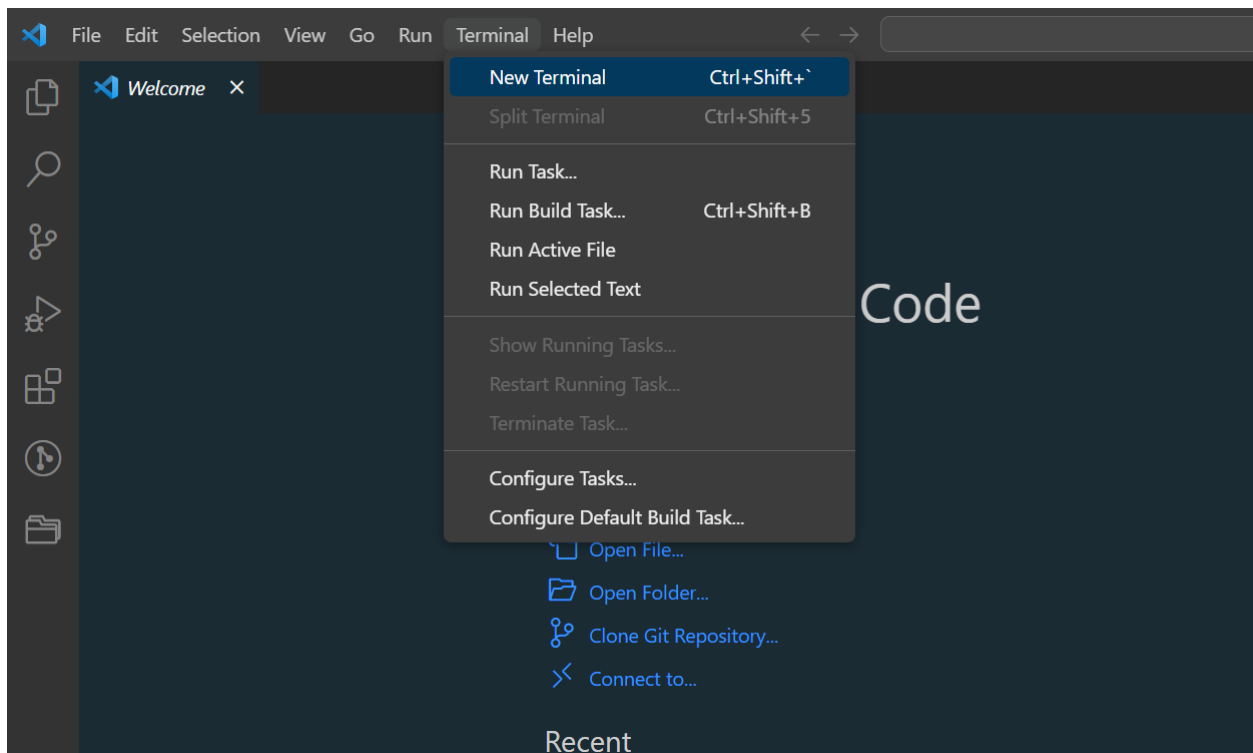


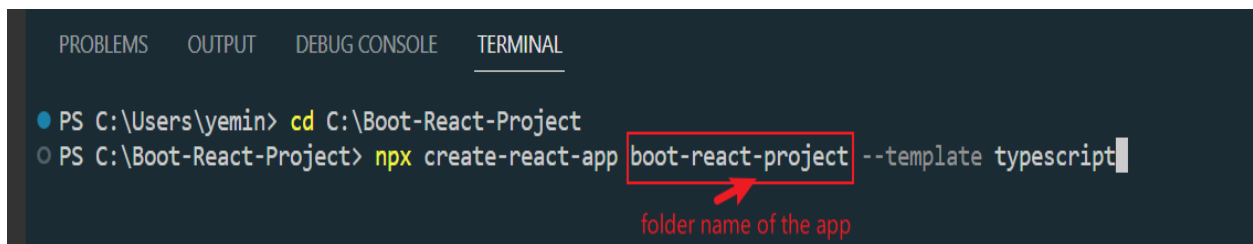
# S01 REACT HOME PAGE

## 1. Setup Frontend Project

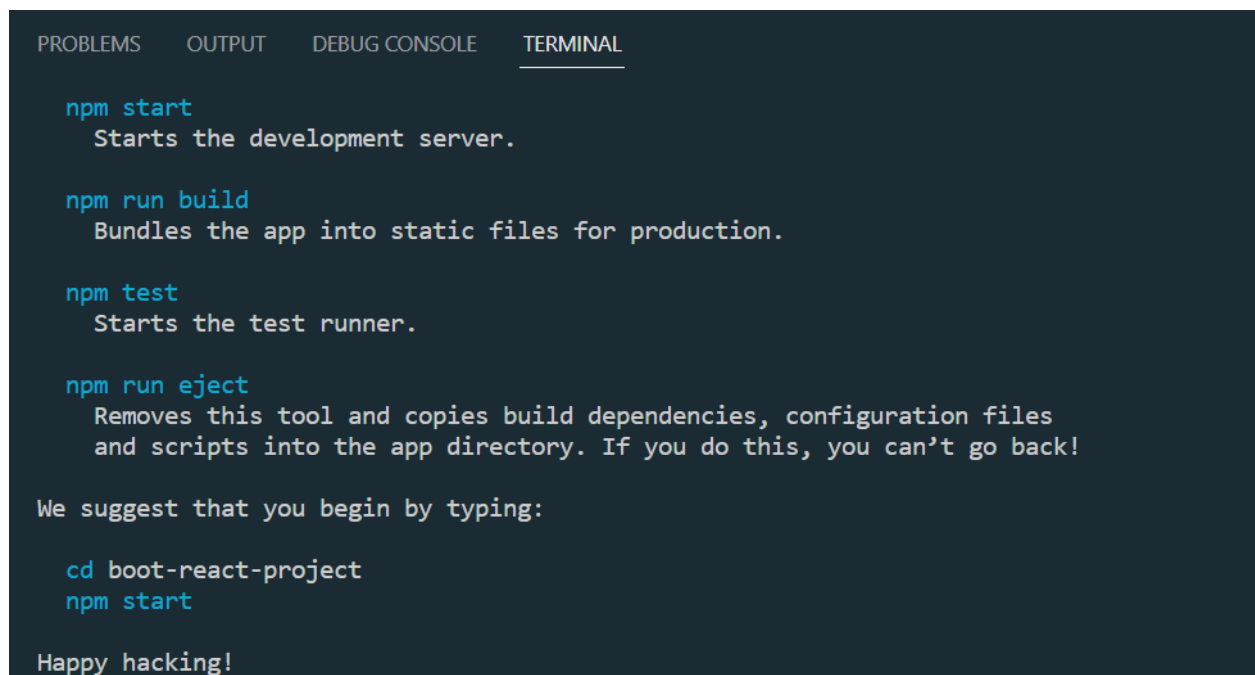
Step 1, open VS code, click on “Terminal”, choose “New Terminal”,



Step 2, In the Terminal, cd to your project folder, and type: “npx create-react-app boot-react-project --template typescript”



After you can see this page:



```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

npm start
  Starts the development server.

npm run build
  Bundles the app into static files for production.

npm test
  Starts the test runner.

npm run eject
  Removes this tool and copies build dependencies, configuration files
  and scripts into the app directory. If you do this, you can't go back!

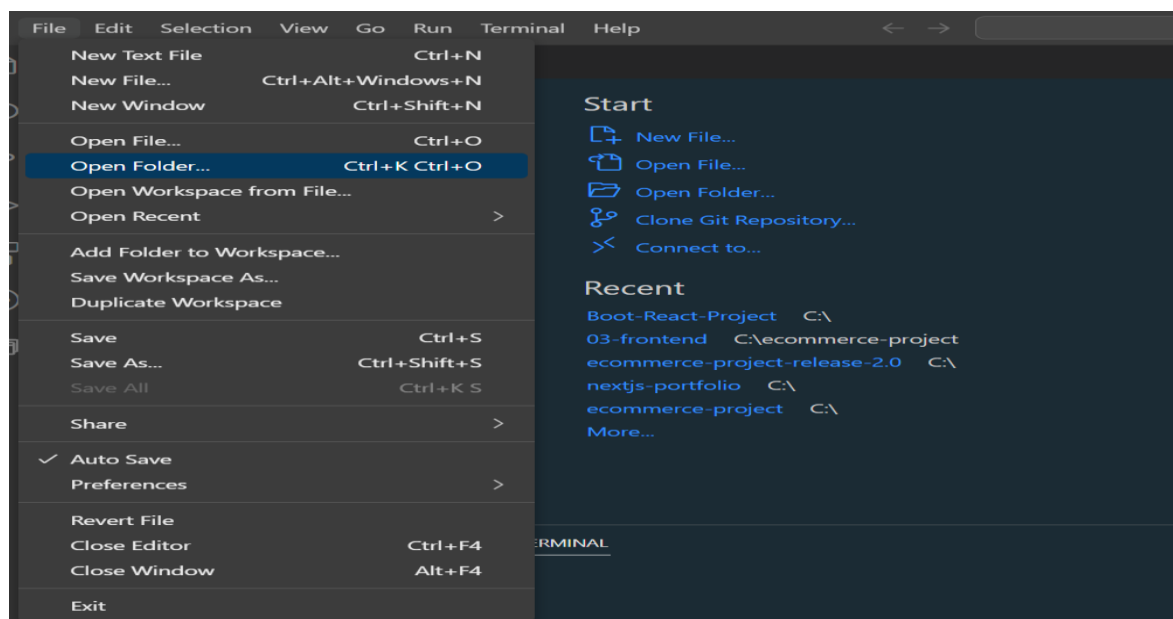
We suggest that you begin by typing:

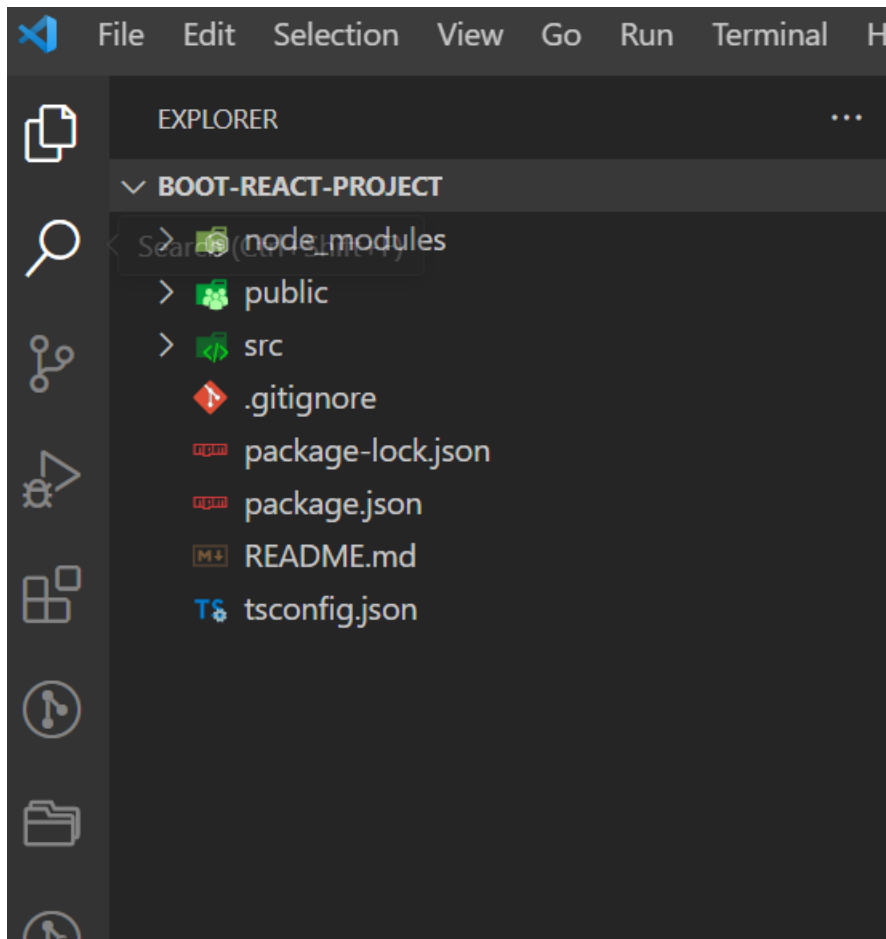
cd boot-react-project
npm start

Happy hacking!
```

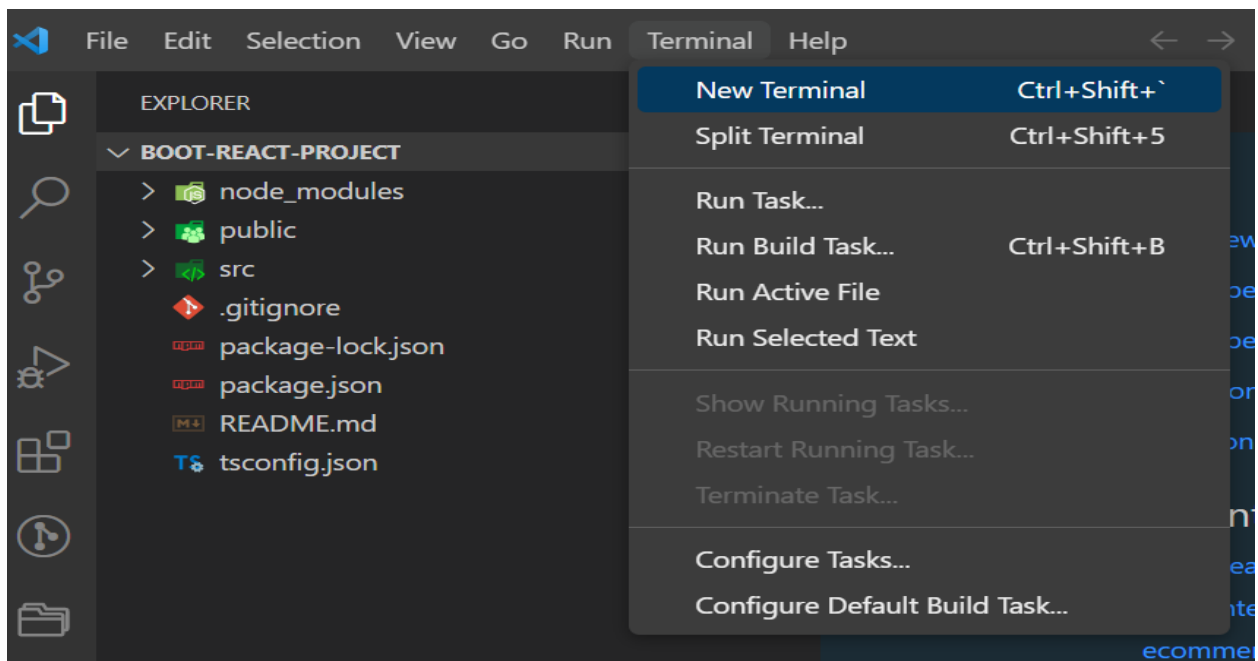
Go to our setup folder, we will find a new created folder “spring-react-project” as we specified in the command.

Step 3, go to VS code, click on “File”, choose “open folder”, Choose our new created “spring-react-project” folder.

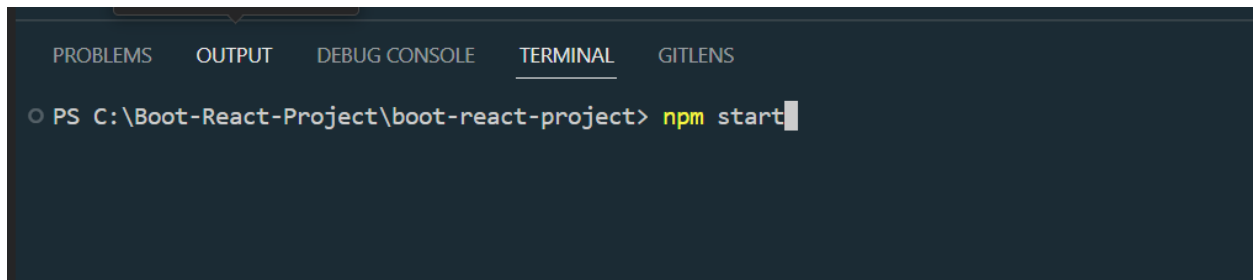




Step 4, the VS code will open our spring-react-project folder. Then we click on the “Terminal”, “new Terminal”.

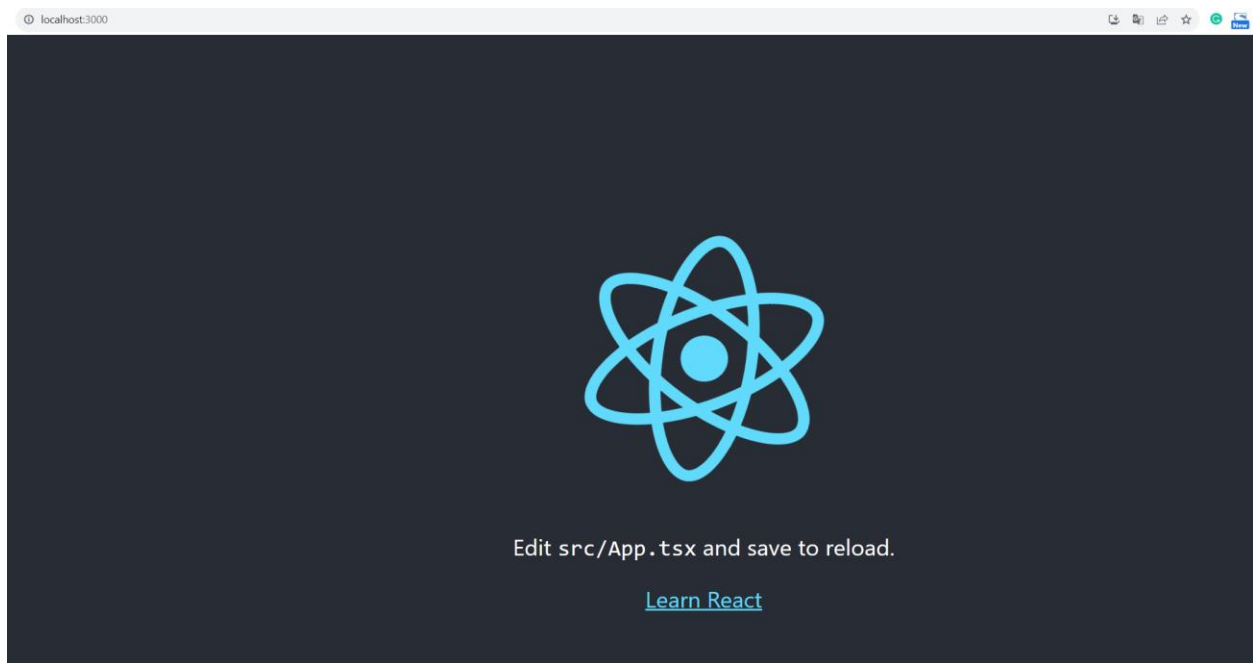


In terminal console, type “npm start” to run our app.

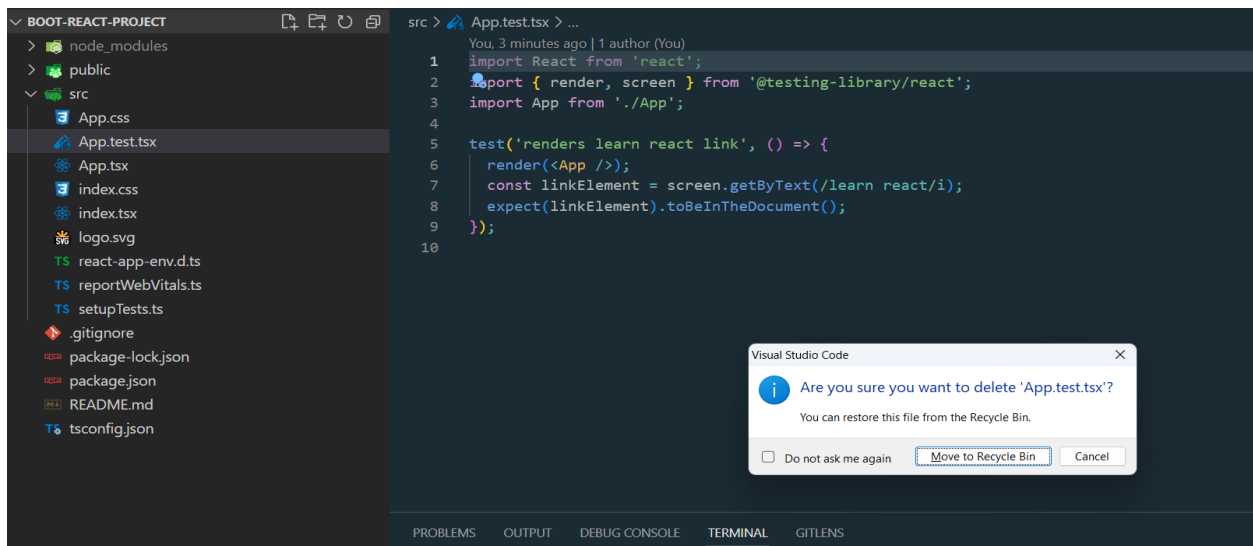


```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL GITLENS
PS C:\Boot-React-Project\boot-react-project> npm start
```

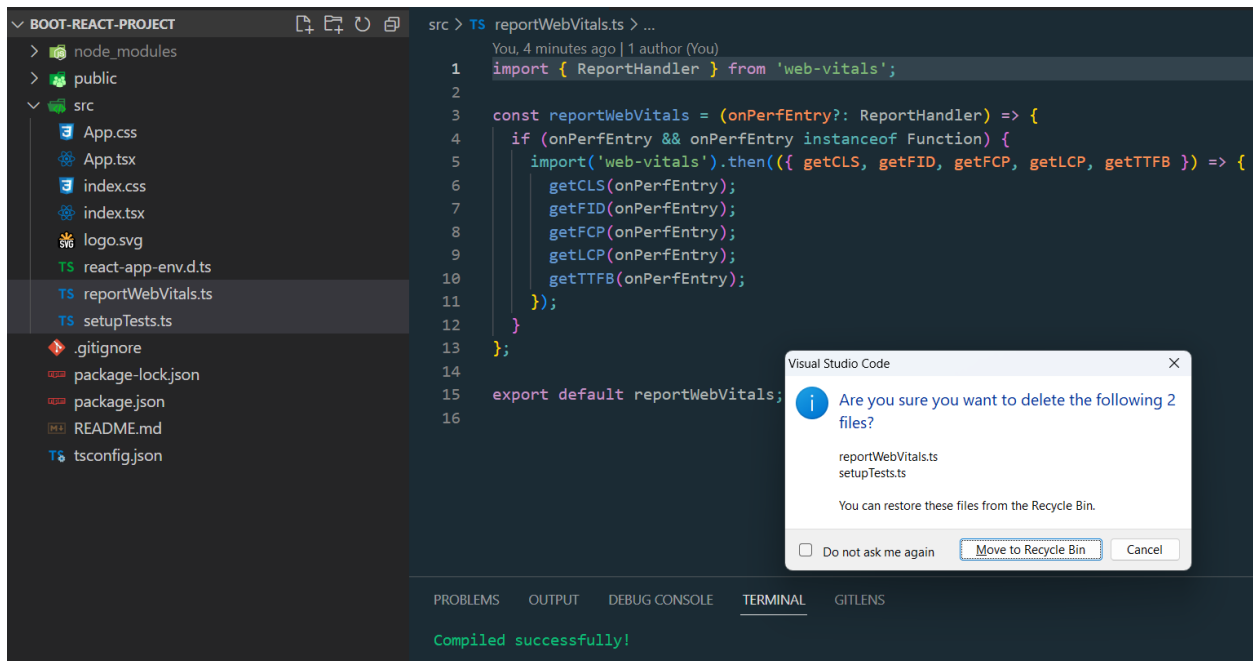
We will get this page.



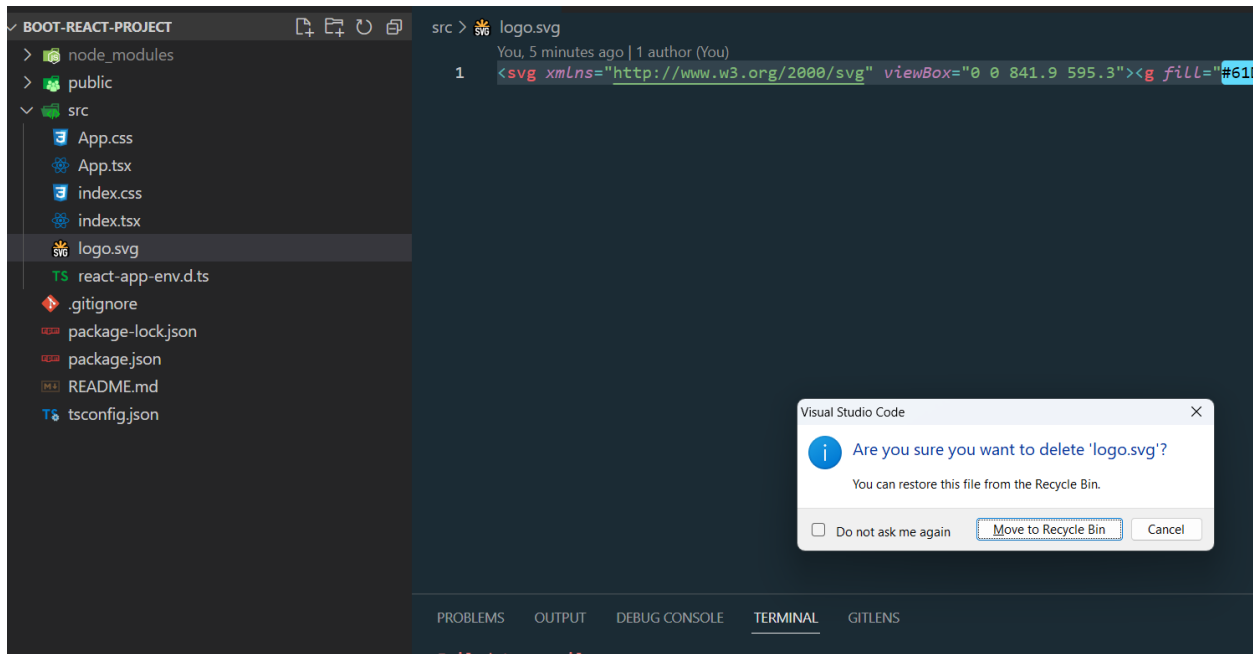
Step 5, Delete the default files that we don't need: App.test.tsx.



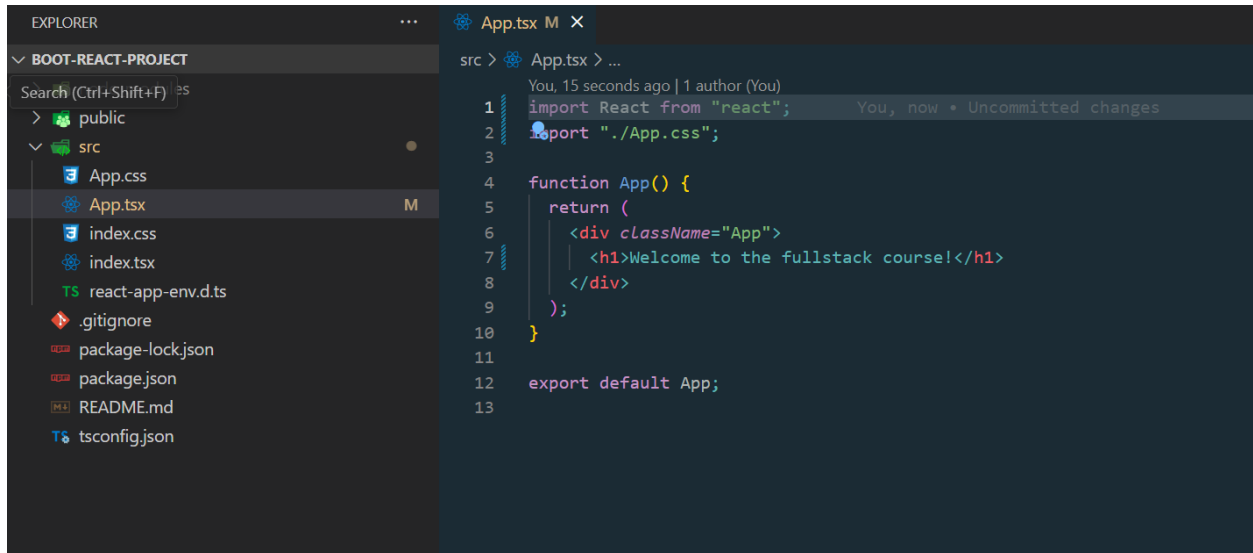
Delete reportWebVitals.ts and setupTest.ts too.



Then delete logo.svg.

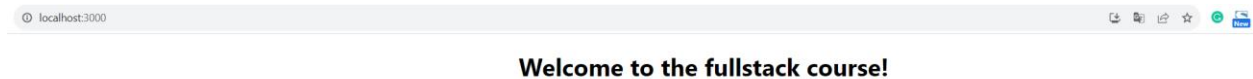


Now, let's test our app. Open App.tsx file, in App() return part, insert a div which contains a h1 tag, which says "Welcome to fullstack course !"



```
1 import React from "react";
2 import "../App.css";
3
4 function App() {
5   return (
6     <div className="App">
7       <h1>Welcome to the fullstack course!</h1>
8     </div>
9   );
10 }
11
12 export default App;
```

Refresh <http://localhost:3000>, we will see our the content of h1 tag showing:



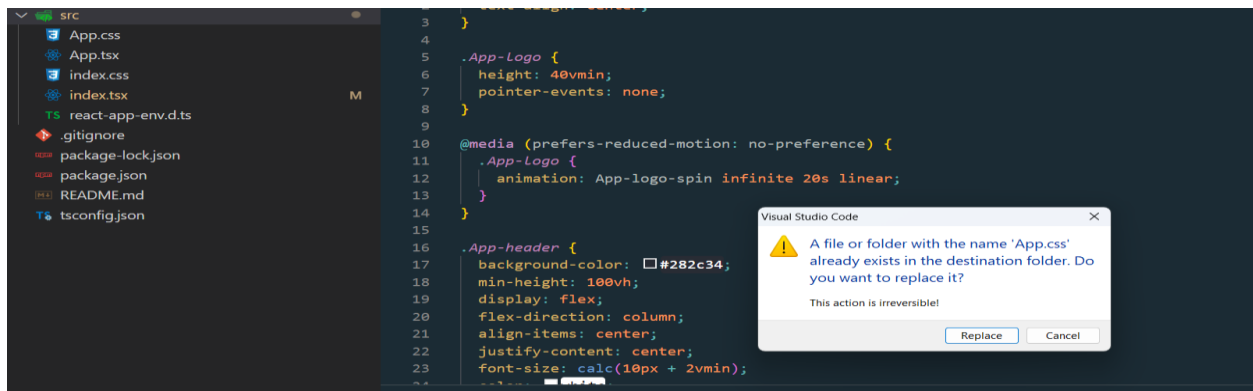
## 2. IMPORT CSS AND IMAGES

Copy the App.css file in the Starter-files folder

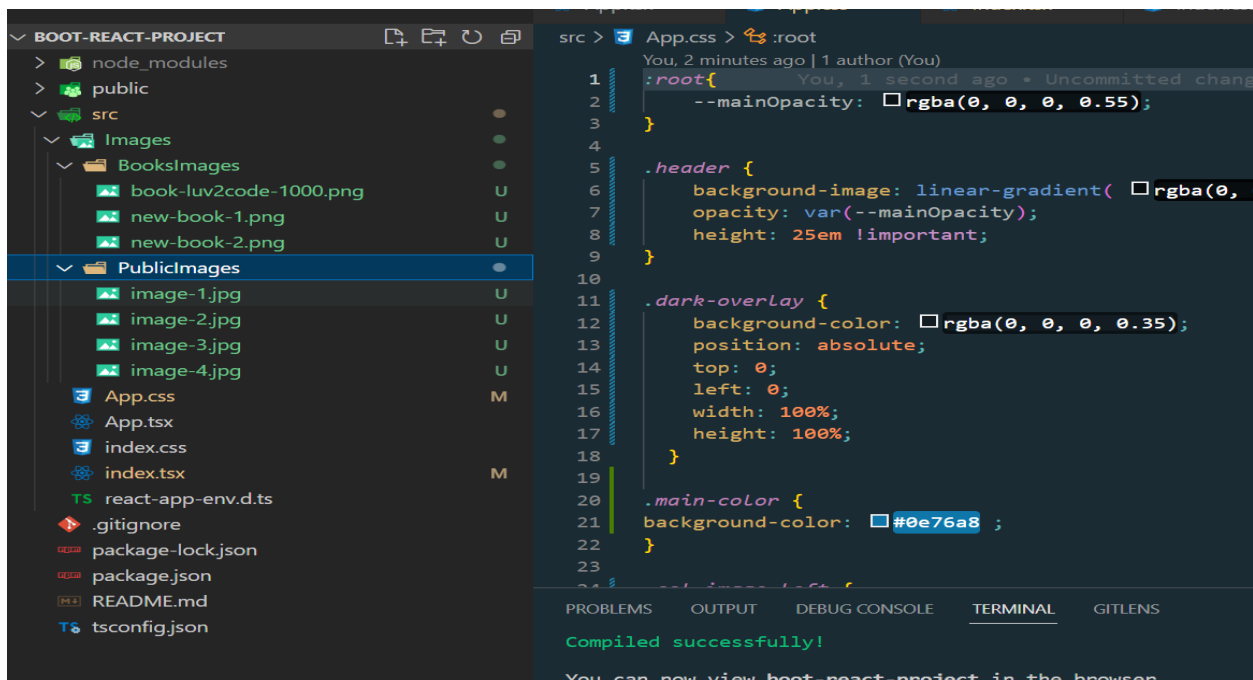
» This PC » OS (C:) » fullstack-react-and-springboot-main » source-code » fullstack-library-app » 01-starter-files » App.css

Name	Date modified	Type	Size
App.css	9/1/2023 7:42 PM	CSS Source File	2 KB

Paste it into VS code, replace the original file.



The same process to copy folder “Images” in our starter-files into our app under “src” directory.



### 3. BOOTSTRAP

Bring Bootstrap's CSS and JS into our application

Go to <https://getbootstrap.com/docs/5.3/getting-started/introduction/>

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap demo</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/css/bootstrap.min.css" re
  </head>
  <body>
    <h1>Hello, world!</h1>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/js/bootstrap.bundle.min.
  </body>
</html>
```

Copy these two pieces of code into index.html

```
7 <!-- Bootstrap CSS -->
8 <link
9   href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/css/bootstrap.min.css"
10  rel="stylesheet"
11  integrity="sha384-4bw+aepP/YC94hEpVNVgiZdgIC5+VKNBQNGCheKRQn+PtmoHDEXuppvnDJzQIu9"
12  crossorigin="anonymous"
13 />
14 <title>React App</title>
15 </head>
16 <body>
17   <noscript>You need to enable JavaScript to run this app.</noscript>
18   <div id="root"></div>
19   <!--
20     This HTML file is a template.
21     If you open it directly in the browser, you will see an empty page.
22
23     You can add webfonts, meta tags, or analytics to this file.
24     The build step will place the bundled scripts into the <body> tag.
25
26     To begin the development, run `npm start` or `yarn start`.
27     To create a production bundle, use `npm run build` or `yarn build`.
28   -->
29   <!-- Bootstrap Bundle with Popper -->
30   <script
31     src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/js/bootstrap.bundle.min.js"
32     integrity="sha384-HwwvtgBNo3bZJJLYd8oVXjrBZt8cqvSPEBNS5n7C8IVInixGAoxmnlMuBnhbgrkm"
33     crossorigin="anonymous"
34   ></script>
35 </body>
36 </html>
```



## 4. NAVIGATION BAR COMPONENT

First, let me delete everything in the return part of App.tsx

```
src > App.tsx > App
...
1  import React from "react";
2  import "./App.css";
3
4  function App() {
5    return (
6      <div className="App">
7        <h1>Welcome to the fullstack course!</h1>
8      </div>
9    );
10 }
11
12 export default App;
13
```

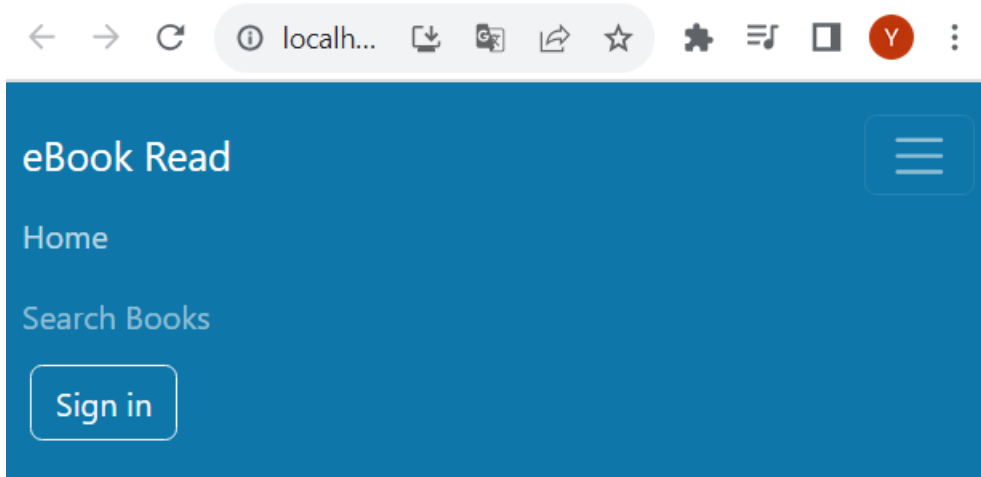
Step1, go to App.tsx, in App(), return part , create a bootstrap navbar code.

```
function App() {
  // create a bootstrap navbar
  return (
    <nav className="navbar navbar-expand-lg navbar-dark main-color py-3">
      <div className="container-fluid">
        <span className="navbar-brand">eBook Read</span>
        <button
          className="navbar-toggler"
          type="button"
          data-bs-toggle="collapse"
          data-bs-target="#navbarNavDropDown"
          aria-controls="navbarNavDropDown"
          aria-expanded="false"
          aria-label="Toggle Navigation"
        >
          <span className="navbar-toggler-icon"></span>
        </button>
        <div className="collapse navbar-collapse" id="navbarNavDropDown">
          <ul className="navbar-nav">
            <li className="nav-item">
              <a className="nav-link" href="#">
                Home
              </a>
            </li>
            <li className="nav-item">
              <a className="nav-link" href="#">
                Search Books
              </a>
            </li>
            <li className="nav-item">
              <a type="button" className="btn btn-outline-light" href="#">
                Sign in
              </a>
            </li>
          </ul>
        </div>
      </div>
    </nav>
  );
}
```

Then use command “npm start” run the application.

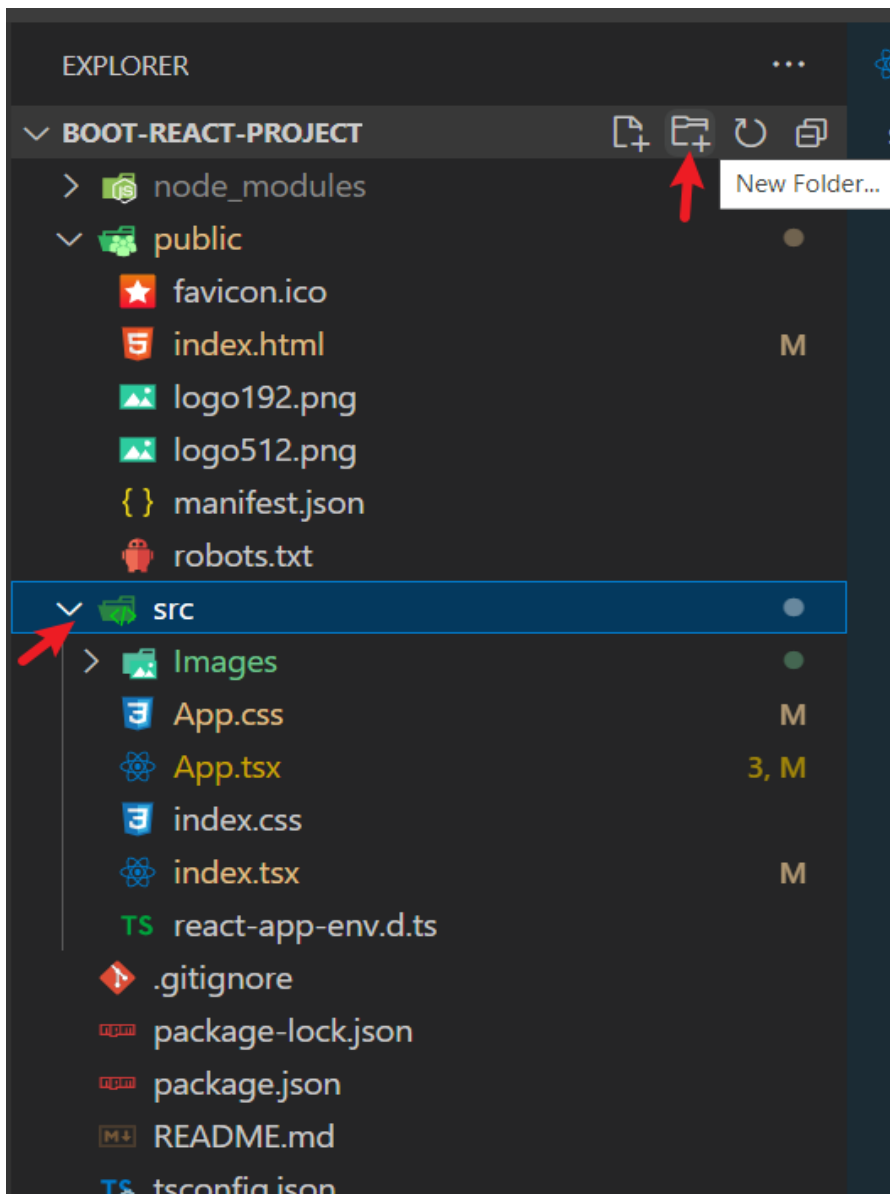


Navigation bar mobile version :

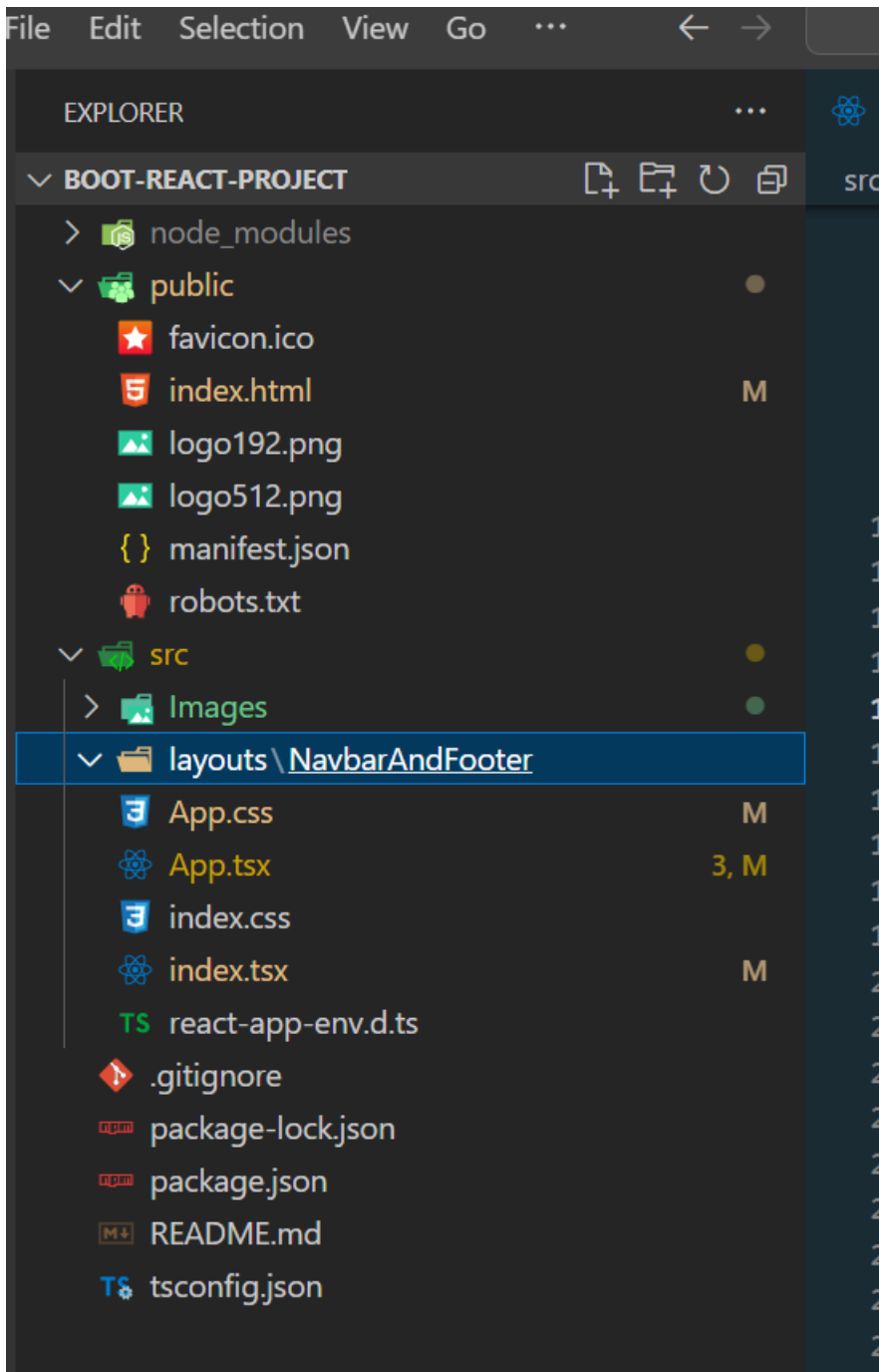


## 5. EXPLORE TOP BOOKS COMPONENT

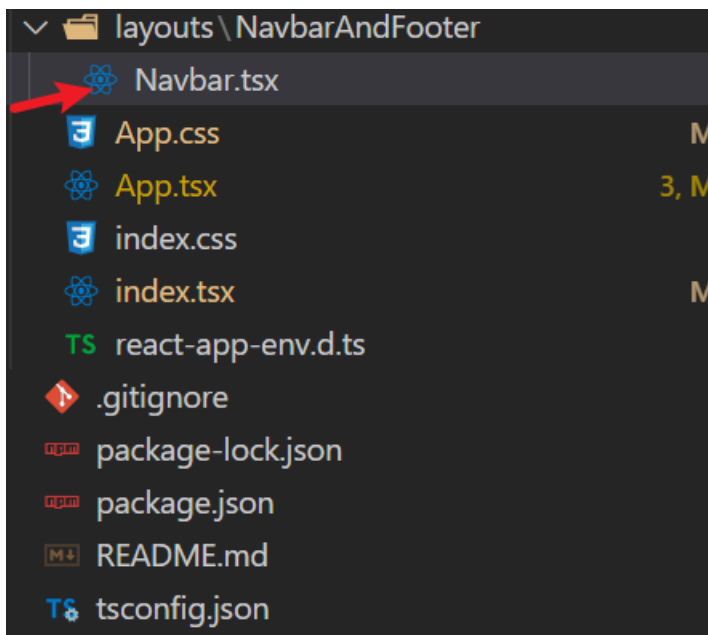
Under the src folder, create a new folder “layouts”,



And under the layouts directory create a new folder “NavbarAndFooter”



Then create a new file “Navbar.tsx”



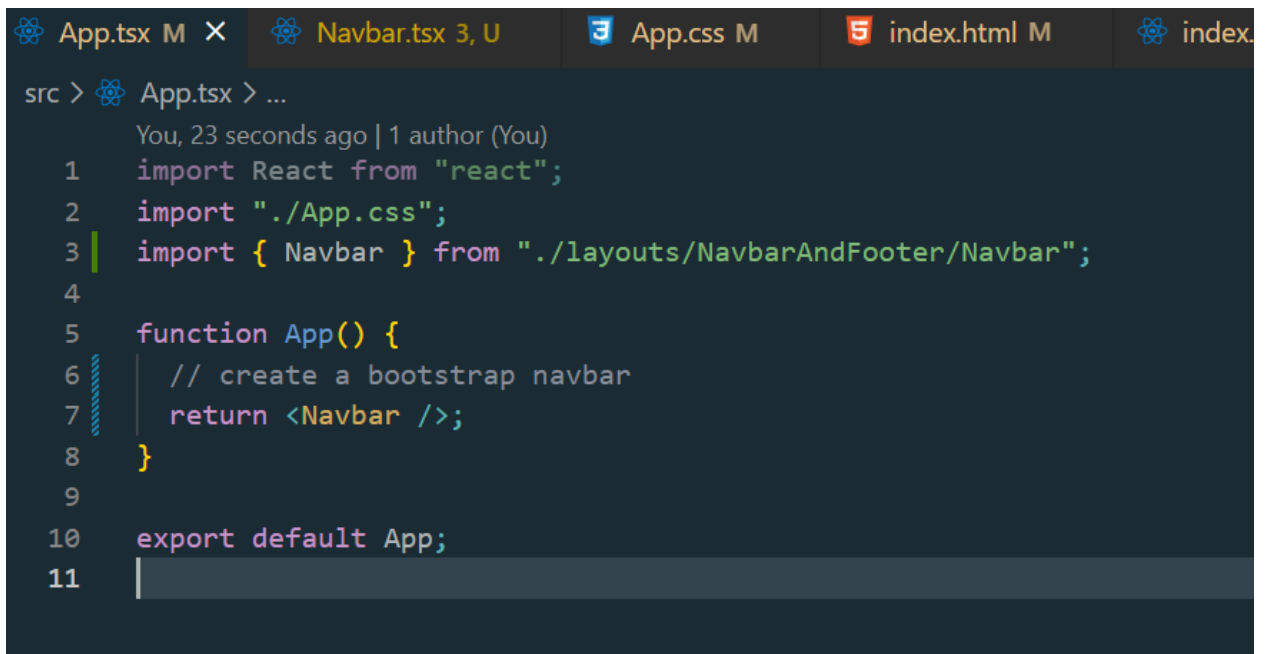
In Navbar.tsx, create a export const function structure as below:

```
src > layouts > NavbarAndFooter > Navbar.tsx > ...  
1  export const Navbar = () => {  
2    return (  
3  
4    );  
5  }  
6
```

copy the nav bar code we have created in App.tsx, and paste it into this return part

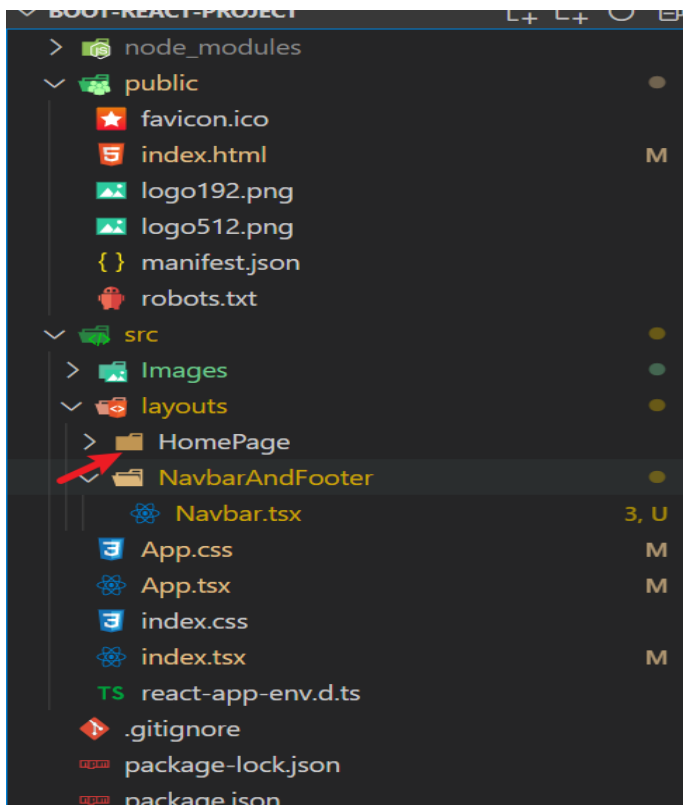
```
1 export const Navbar = () => {
2   return (
3     //create a bootstrap nav bar
4     <nav className="navbar navbar-expand-lg navbar-dark main-color py-3">
5       <div className="container-fluid">
6         <span className="navbar-brand">JAC Read</span>
7         { /*Toggler/collapsible Button */}
8         <button
9           className="navbar-toggler"
10          type="button"
11          data-bs-toggle="collapse"
12          data-bs-target="#navbarNavDropdown"
13          aria-controls="navbarNavDropdown"
14          aria-expanded="false"
15          aria-label="Toggle Navigation"
16        >
17          <span className="navbar-toggler-icon"></span>
18        </button>
19        { /* Navbar links */}
20        <div className="collapse navbar-collapse" id="navbarNavDropdown">
21          <ul className="navbar-nav">
22            <li className="nav-item">
23              <a className="nav-link" href="#">
24                Home
25              </a>
26            </li>
27            <li className="nav-item">
28              <a className="nav-link" href="#">
29                Search Books
30              </a>
31            </li>
32          </ul>
33          <ul className="navbar-nav ms-auto">
34            <li className="nav-item m-1">
35              <a type="button" className="btn btn-outline-light" href="#">
36                Sign in
37              </a>
38            </li>
39          </ul>
40        </div>
41      </div>
42    </nav>
43  )
44}
```

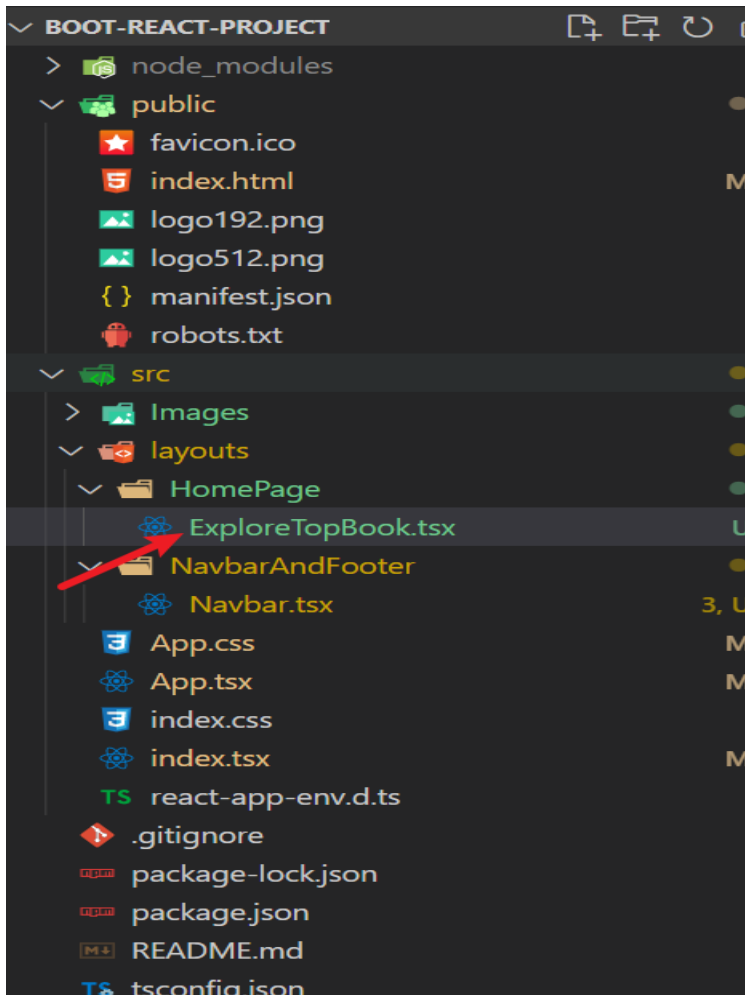
In App.tsx, we add Navbar component.



```
App.tsx M X  Navbar.tsx 3, U  App.css M  index.html M  index.  
src > App.tsx > ...  
You, 23 seconds ago | 1 author (You)  
1 import React from "react";  
2 import "../App.css";  
3 import { Navbar } from "../layouts/NavbarAndFooter/Navbar";  
4  
5 function App() {  
6   // create a bootstrap navbar  
7   return <Navbar />;  
8 }  
9  
10 export default App;  
11
```

Create a "HomePage" folder under layouts folder.



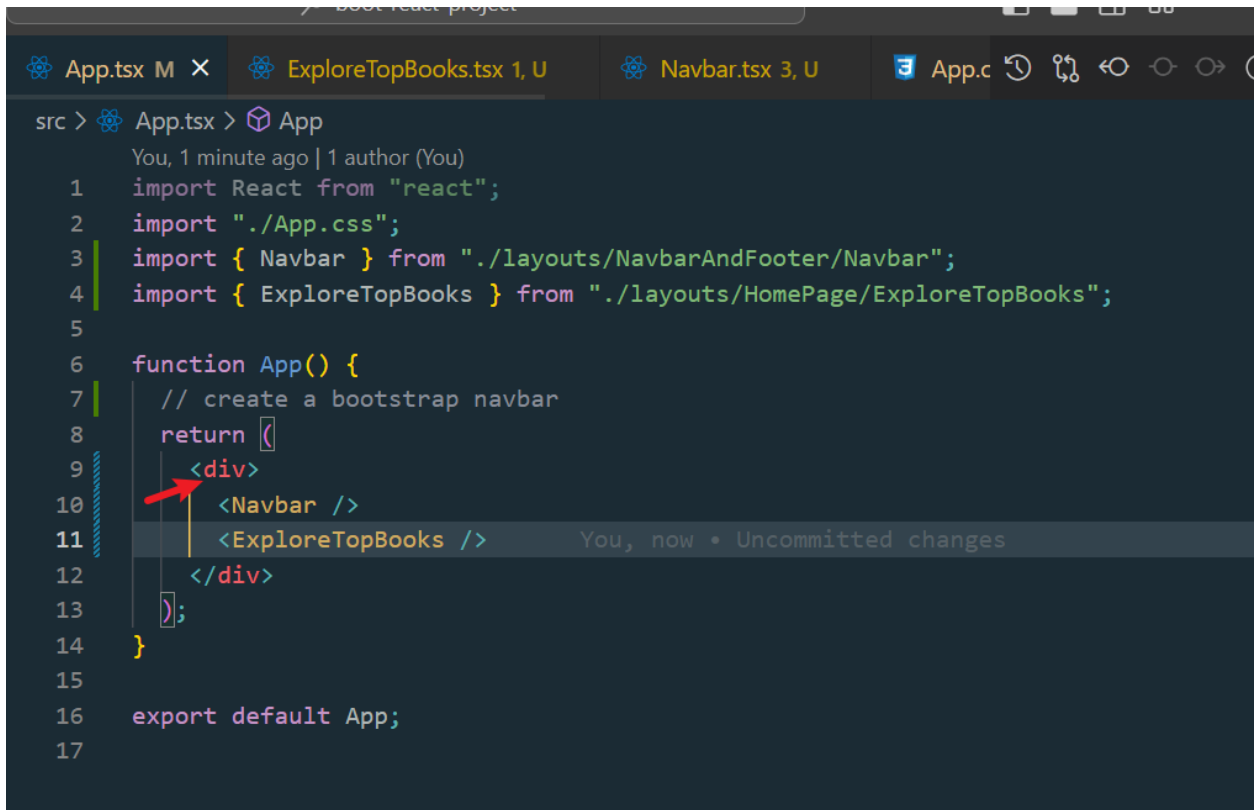


create ExploreTopBooks component code.

```
App.tsx M | ExploreTopBooks.tsx 1, U | Navbar.tsx 3, U | App.css M | index.html M | index.tsx M | index.c
src > layouts > HomePage > ExploreTopBooks.tsx > [E] ExploreTopBooks
1  export const ExploreTopBooks = () => {
2    return (
3      <div className="p-5 mb-4 bg-dark header">
4        <div className="container-fluid py-5 text-white d-flex justify-content-center align-items-center">
5          <div>
6            <h1 className="display-5 fw-bold">Find your next adventure</h1>
7            <p className="col-md-8 fs-4">Where would you like to go next?</p>
8            <a
9              type="button"
10             className="btn main-color btn-lg text-white"
11             href="#"
12           >
13             Explore top books
14           </a>
15         </div>
16       </div>
17     </div>
18   );
19 };
20
```

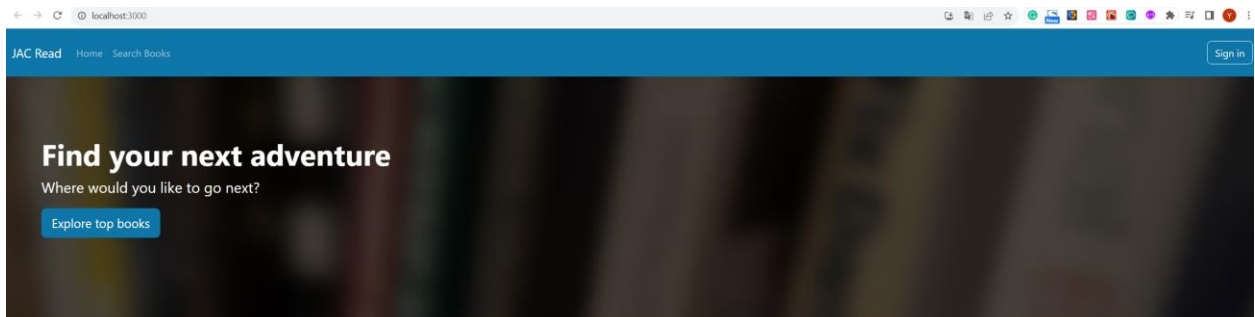


go to App.tsx, and add ExploreTopBooks component in it. Make sure we add a div as the parent element to both the Navbar and ExpolreTopBooks component.



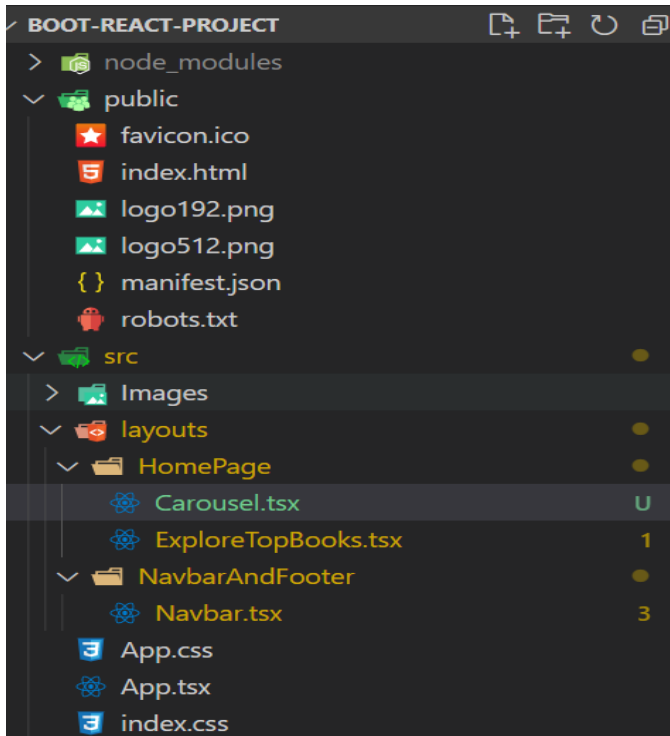
```
src > App.tsx > App
You, 1 minute ago | 1 author (You)
1 import React from "react";
2 import "./App.css";
3 import { Navbar } from "../layouts/NavbarAndFooter/Navbar";
4 import { ExploreTopBooks } from "../layouts/HomePage/ExploreTopBooks";
5
6 function App() {
7   // create a bootstrap navbar
8   return (
9     <div>
10      <Navbar />
11      <ExploreTopBooks />
12    </div>
13  );
14 }
15
16 export default App;
17
```

Run the application. We can see the result like this.



## 6. CAROUSEL COMPONENT

Create a new file "Carousel.tsx" under the HomePage folder.



In Carousel.tsx, add three carousel items code.

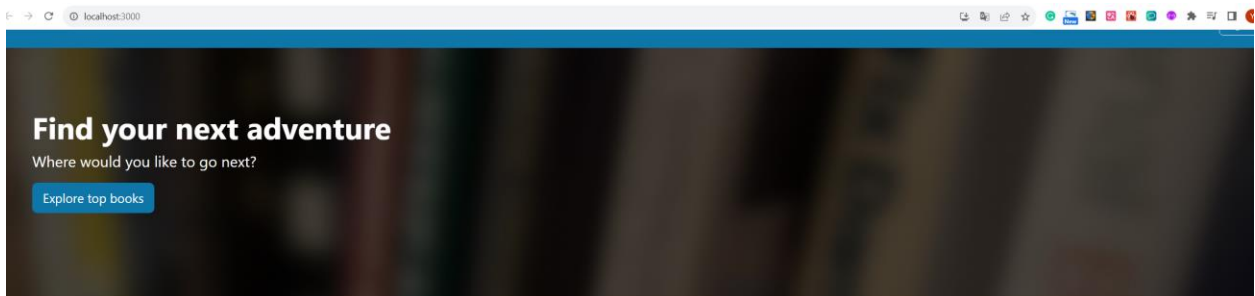
```
layouts > HomePage > Carousel.tsx > [x] Carousel
export const Carousel = () => {
  return (
    <div className="container mt-5" style={{ height: 550 }}>
      <div className="homepage-carousel-title">
        <h3>Find your next "I stayed up too late reading" book</h3>
      </div>
      <div
        id="carouselExampleControls"
        className="carousel carousel-dark slide mt-5
        d-none d-lg-block"
        data-bs-interval="false"
      >
        <div className="carousel-inner">
          <div className="carousel-item active">
            <div className="row d-flex justify-content-center align-items-center">
              <div className="col-xs-6 col-sm-6 col-md-4 col-lg-3 mb-3">
                <div className="text-center">
                  <img
                    src={require("../Images/BooksImages/book-luv2code-1000.png")}
                    alt="book"
                    width="151"
                    height="233"
                  />
                  <h6 className="mt-2">Book</h6>
                  <p>Luv2Code</p>
                  <a className="btn main-color text-white" href="#">
                    Reserve
                  </a>
                </div>
              </div>
            </div>
          </div>
          <div className="carousel-item active">
            <div className="row d-flex justify-content-center align-items-center">
              <div className="col-xs-6 col-sm-6 col-md-4 col-lg-3 mb-3">
                <div className="text-center">
```

Add Carousel component in the App.tsx.

```
App.tsx M X  Carousel.tsx 5, U  ExploreTopBooks.tsx 1  Navbar.tsx 3  App.css

src > App.tsx > App
You, 5 minutes ago | 1 author (You)
1  import React from "react";
2  import "./App.css";
3  import { Navbar } from "../layouts/NavbarAndFooter/Navbar";
4  import { ExploreTopBooks } from "../layouts/HomePage/ExploreTopBooks";
5  import { Carousel } from "../layouts/HomePage/Carousel";
6
7  function App() {
8    // create a bootstrap navbar
9    return (
10     <div>
11       <Navbar />
12       <ExploreTopBooks />
13       <Carousel />
14     </div>
15   );
16 }
17
18 export default App;
19
```

Then we run the application, we can get this page

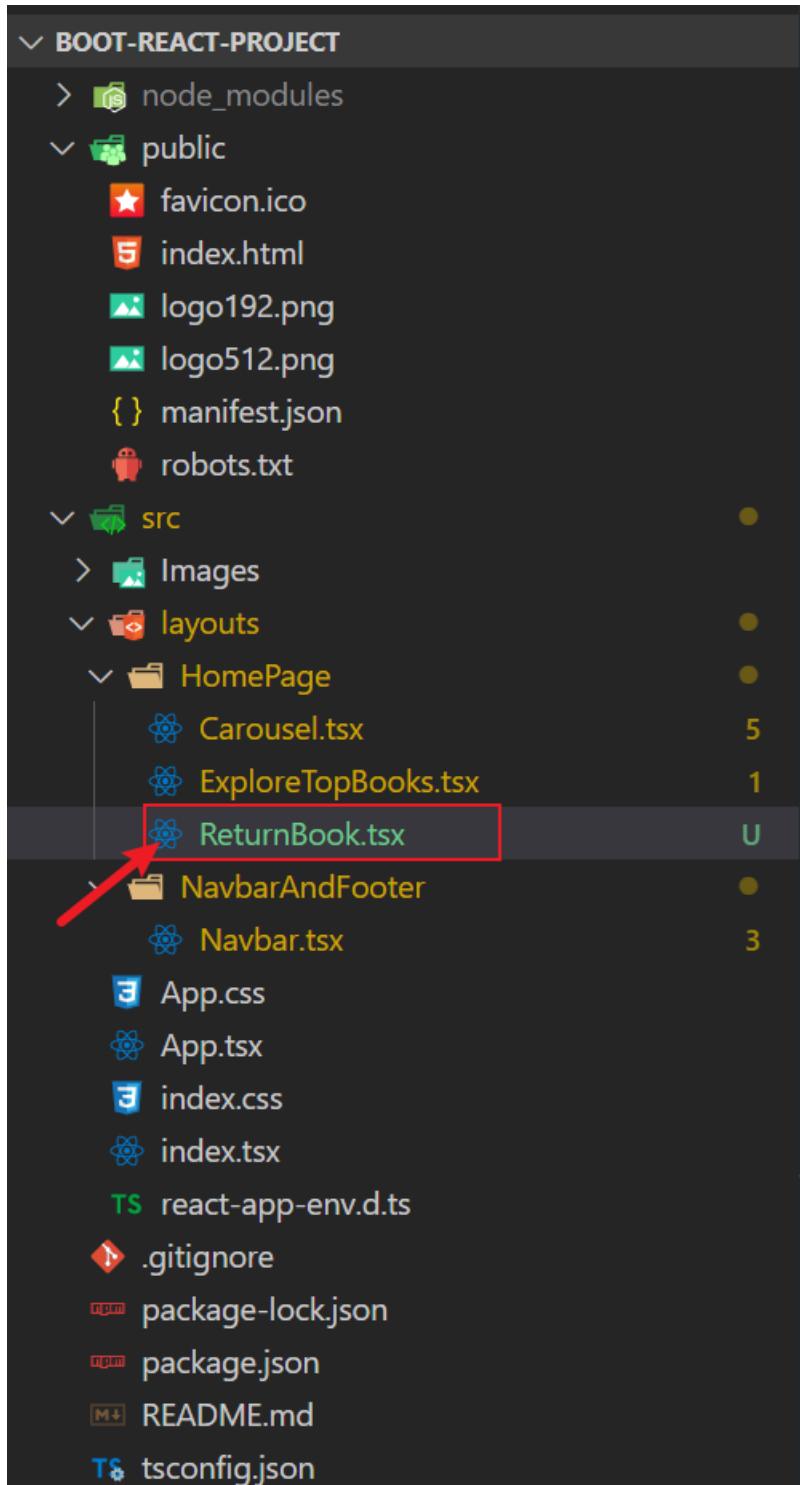


Find your next "I stayed up too late reading" book



## 7. RETURN BOOK COMPONENT

Create a new file “ReturnBook.tsx” in the HomePage folder



Cut the carousel item code from the Carousel.tsx and paste it in the ReturnBook.tsx

```
src > layouts > HomePage > ReturnBook.tsx > ReturnBook
1  import React from "react";
2
3  export const ReturnBook = () => {
4    return (
5      <div className="col-xs-6 col-sm-6 col-md-4 col-lg-3 mb-3">
6        <div className="text-center">
7          <img
8            src={require("../Images/BooksImages/book-luv2code-1000.png")}
9            alt="book"
10           width="151"
11           height="233"
12          />
13          <h6 className="mt-2">Book</h6>
14          <p>Luv2Code</p>
15          <a className="btn main-color text-white" href="#">
16            Reserve
17          </a>
18        </div>
19      </div>
20    );
21  };
```

Go back to Carousel.tsx, replace the carousel item code with ReturnBook Component.

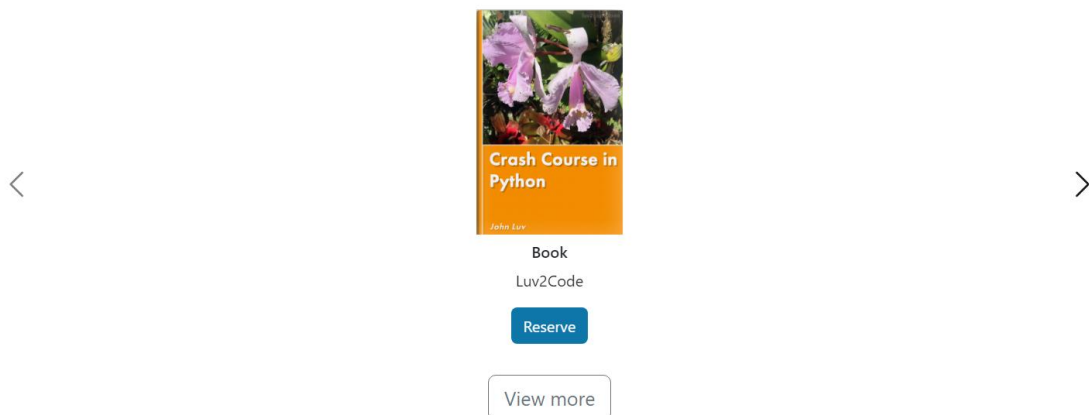
```
src > layouts > HomePage > Carousel.tsx > Carousel
7    <h3>Find your next "I stayed up too late reading" book</h3>
8  </div>
9  <div
10    id="carouselExampleControls"
11    className="carousel carousel-dark slide mt-5
12    d-none d-lg-block"
13    data-bs-interval="false"
14  >
15    <div className="carousel-inner">
16      <div className="carousel-item active">
17        <div className="row d-flex justify-content-center align-items-center">
18          <ReturnBook />
19        </div>
20      </div>
21    </div>
```

Replace all the carousel items codes with three ReturnBook Components.

```
src > layouts > HomePage > Carousel.tsx > Carousel
13      data-bs-interval= false
14    >
15    <div className="carousel-inner">
16      <div className="carousel-item active">
17        <div className="row d-flex justify-content-center align-items-center">
18          <ReturnBook />
19        </div>
20      </div>
21
22      <div className="carousel-item active">
23        <div className="row d-flex justify-content-center align-items-center">
24          <ReturnBook />
25        </div>
26      </div>
27
28      <div className="carousel-item active">
29        <div className="row d-flex justify-content-center align-items-center">
30          <ReturnBook />
31        </div>
32      </div>
33    </div>
34    <button
35      className="carousel-control-prev"
36      type="button"
```

Rerun the application, we can get the same page:

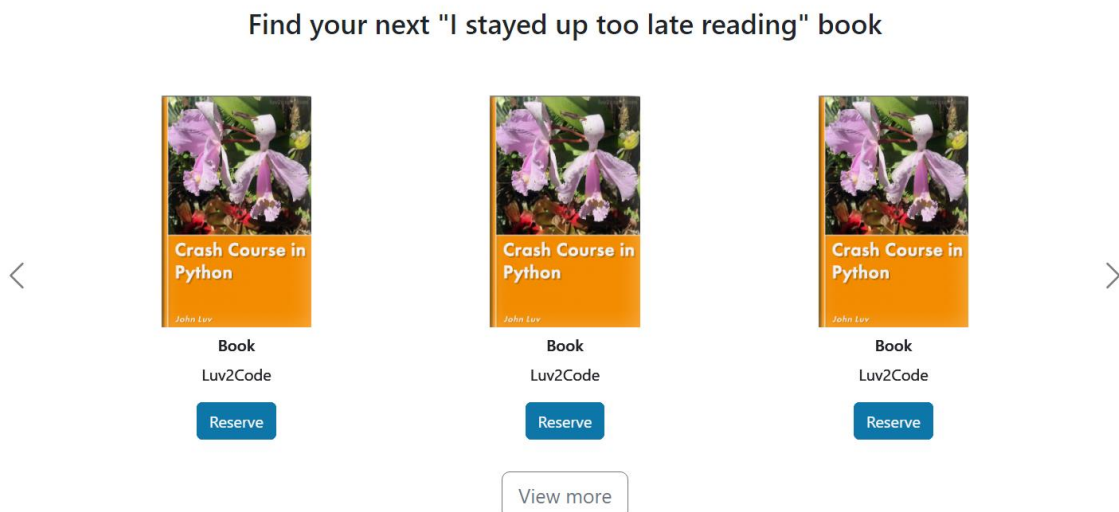
Find your next "I stayed up too late reading" book



copy ReturnBook component two times in each carousel item part in desktop section, so now we have three carousel items , in each carousel item part, we have three ReturnBook components.

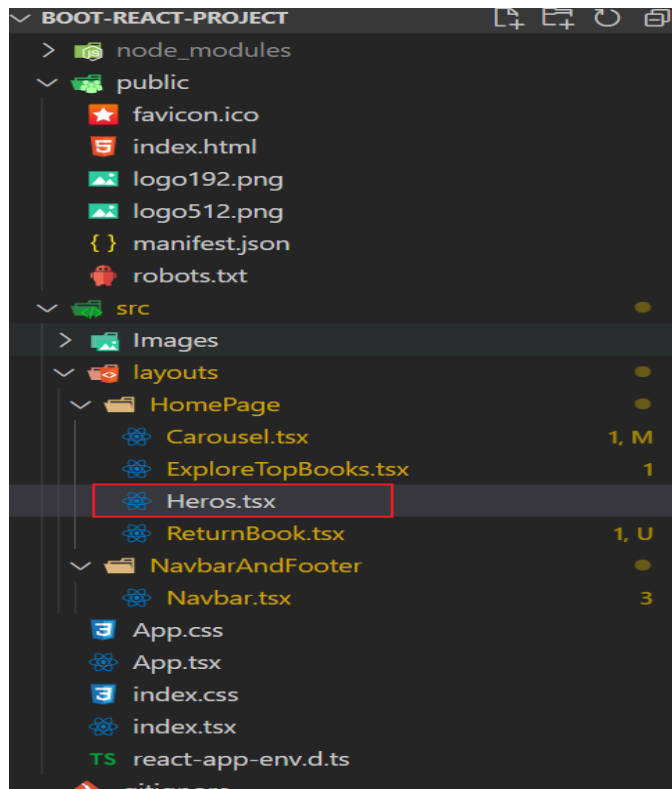
```
rc > layouts > HomePage > Carousel.tsx > Carousel
14 >
15 <div className="carousel-inner">
16   <div className="carousel-item active">
17     <div className="row d-flex justify-content-center align-items-center">
18       <ReturnBook />
19       <ReturnBook />
20       <ReturnBook />
21     </div>
22   </div>
23
24   <div className="carousel-item active">
25     <div className="row d-flex justify-content-center align-items-center">
26       <ReturnBook />
27       <ReturnBook />
28       <ReturnBook />
29     </div>
30   </div>
31
32   <div className="carousel-item active">
33     <div className="row d-flex justify-content-center align-items-center">
34       <ReturnBook />
35       <ReturnBook />
36       <ReturnBook />
37     </div>
```

Refresh the page:

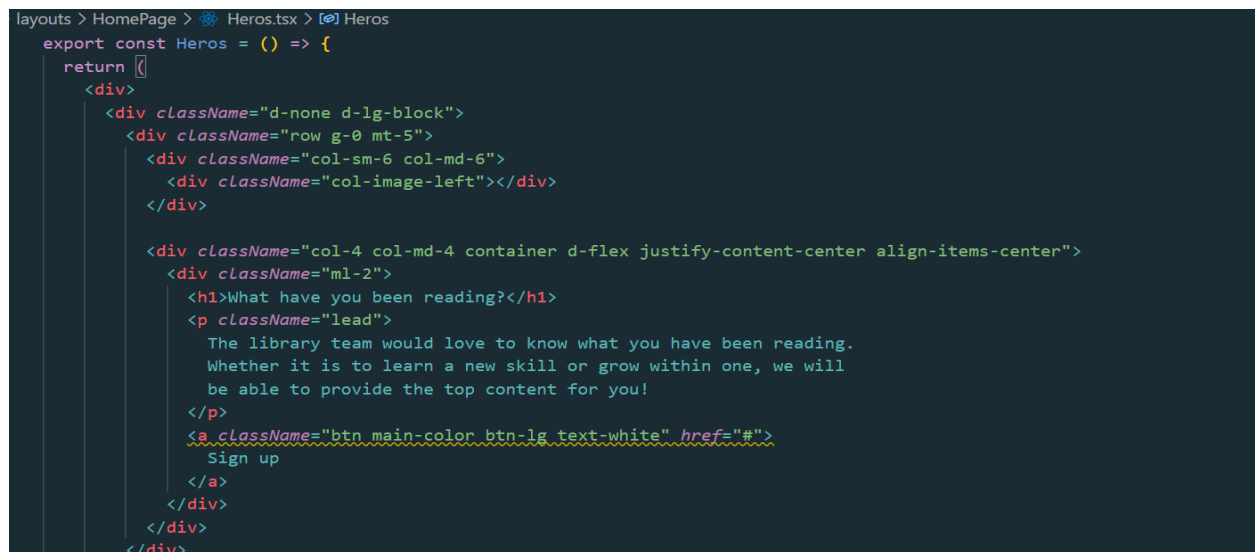


## 8. HEROS COMPONENT

Create a new file “Heros.tsx” in the HomePage directory.



Write the Heros component code.





```

    </div>
    <div className="row g-0">
      <div className="col-4 col-md-4 container d-flex justify-content-center align-items-center">
        <div className="ml-2">
          <h1>Our collection is always changing!</h1>
          <p className="lead">
            Try to check in daily as our collection is always changing! We
            work nonstop to provide the most accurate book selection
            possible for our eBook Read students! We are diligent about our
            book selection and our book selection and our books are always
            going to be our top priority.
          </p>
        </div>
      </div>
      <div className="col-sm-6 col-md-6">
        <div className="col-image-right"></div>
      </div>
    </div>
  </div>
</div>

```

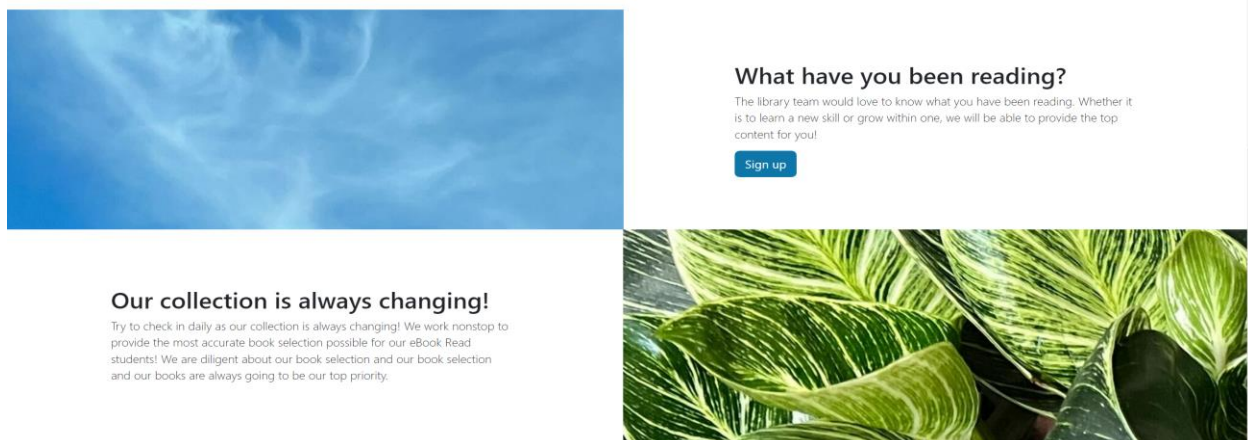
Then add the Heros component in the App.tsx file.

```

> App.tsx > App
You, 4 minutes ago | 1 author (You)
1 import React from "react";
2 import "../App.css";
3 import { Navbar } from "../layouts/NavbarAndFooter/Navbar";
4 import { ExploreTopBooks } from "../layouts/HomePage/ExploreTopBooks";
5 import { Carousel } from "../layouts/HomePage/Carousel";
6 import { Heros } from "../layouts/HomePage/Heros";
7
8 function App() {
9   // create a bootstrap navbar
10  return (
11    <div>
12      <Navbar />
13      <ExploreTopBooks />
14      <Carousel />
15      <Heros />
16    </div>
17  );
18 }
19
20 export default App;

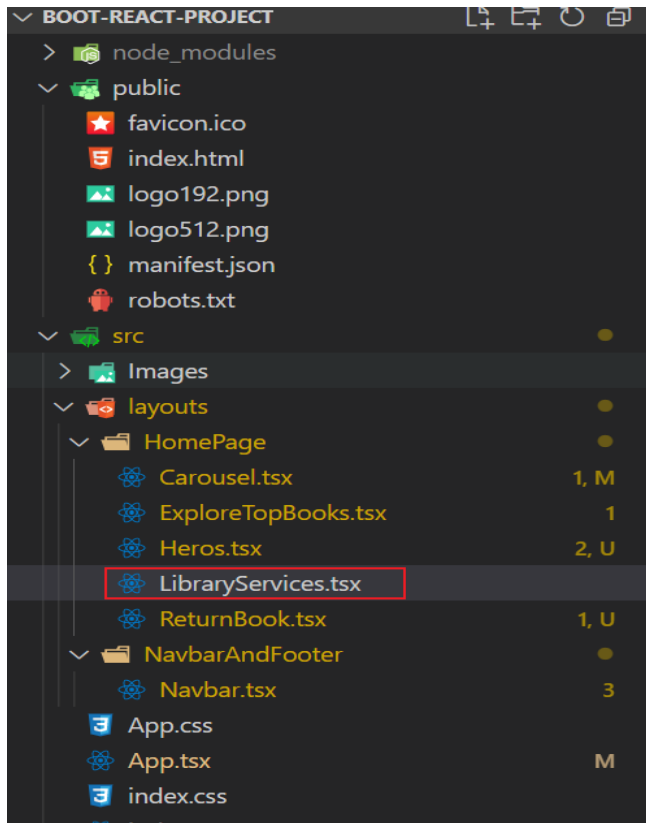
```

Run the application.



## 9. LIBRARY SERVICE COMPONENT

Create a new file "LibraryServices.tsx" in the HomePage directory.



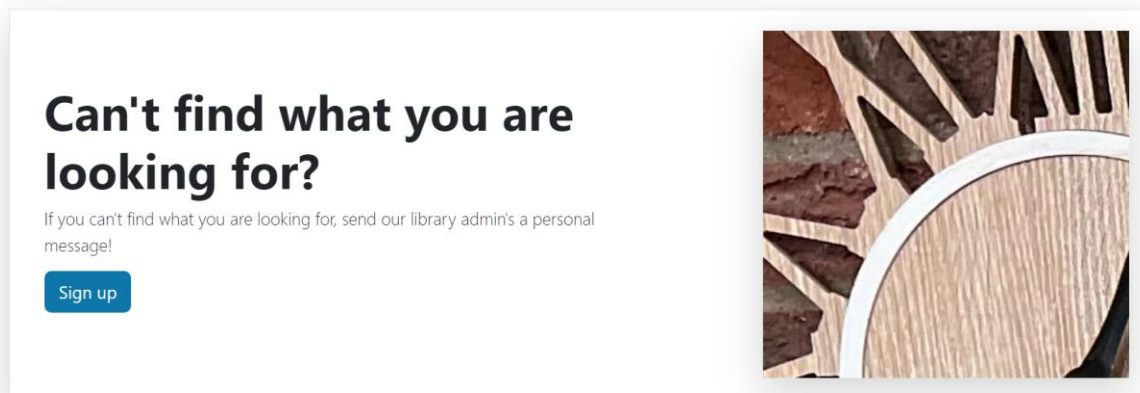
Write the LibraryServices component code.

```
src > layouts > HomePage > LibraryServices.tsx > [e] LibraryServices
1   export const LibraryServices = () => {
2     return (
3       <div className="container my-5">
4         <div className="row p-4 align-items-center border shadow-lg">
5           <div className="col-lg-7 p-3">
6             <h1 className="display-4 fw-bold">
7               Can't find what you are looking for?
8             </h1>
9             <p className="lead">
10              If you can't find what you are looking for, send our library admin's
11              a personal message!
12            </p>
13            <div className="d-grid gap-2 justify-content-md-start mb-4 mb-lg-3">
14              <a className="btn main-color btn-lg text-white" href="#">
15                Sign up
16              </a>
17            </div>
18          </div>
19          <div className="col-lg-4 offset-lg-1 shadow-lg lost-image"></div>
20        </div>
21      </div>
22    );
23  };
24
```

Add LibraryServices component in the App.tsx file.

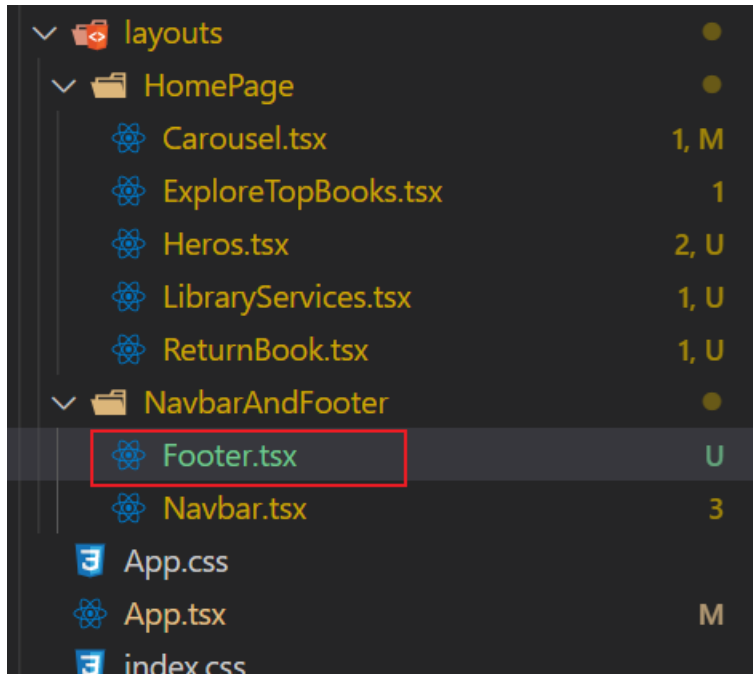
```
src > App.tsx > App
You, 1 second ago | 1 author (You)
1  import React from "react";
2  import "../App.css";
3  import { Navbar } from "../layouts/NavbarAndFooter/Navbar";
4  import { ExploreTopBooks } from "../layouts/HomePage/ExploreTopBooks";
5  import { Carousel } from "../layouts/HomePage/Carousel";
6  import { Heros } from "../layouts/HomePage/Heros";
7  import { LibraryServices } from "../layouts/HomePage/LibraryServices";
8
9  function App() {
10   // create a bootstrap navbar
11   return (
12     <div>
13       <Navbar />
14       <ExploreTopBooks />
15       <Carousel />
16       <Heros />
17       <LibraryServices />
18     </div>
19   );
20 }
21
22 export default App;
23
```

Then run the application. We can get this page.



## 10. FOOTER COMPONENT

Create a Footer.tsx in the NavbarAndFooter directory.



Write the Footer component code:

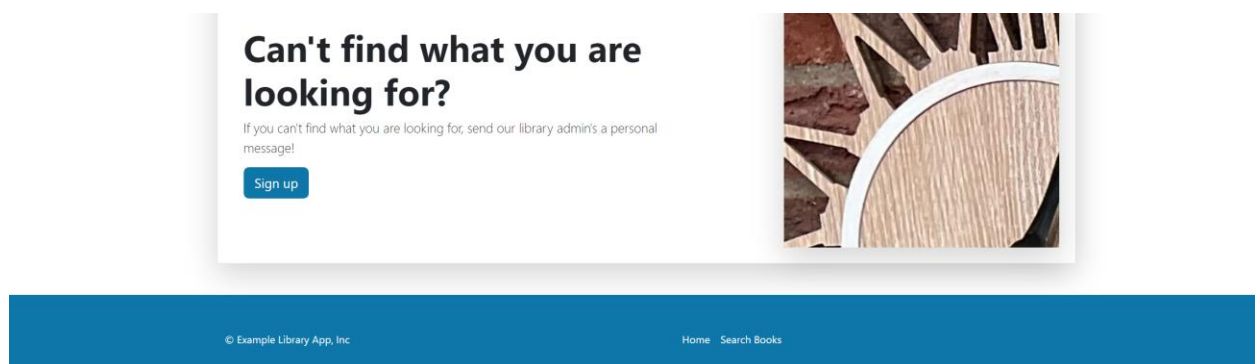
```
src > layouts > NavbarAndFooter > Footer.tsx > [e] Footer
1  export const Footer = () => {
2    return (
3      <div className="main-color">
4        <footer className="container d-flex flex-wrap justify-content-between align-items-center py-5 main-color">
5          <p className="col-md-4 mb-0 text-white">© Example Library App, Inc</p>
6          <ul className="nav navbar-dark col-md-4 justify-content-end">
7            <li className="nav-item">
8              <a href="#" className="nav-link px-2 text-white">
9                Home
10             </a>
11           </li>
12           <li className="nav-item">
13             <a href="#" className="nav-link px-2 text-white">
14               Search Books
15             </a>
16           </li>
17         </ul>
18       </footer>
19     </div>
20   );
21 }
```

Add the Footer component in the App.tsx

```
App.tsx M X  Footer.tsx 2, U  ReturnBook.tsx 1, U  Carousel.tsx 1, M  Heros.tsx

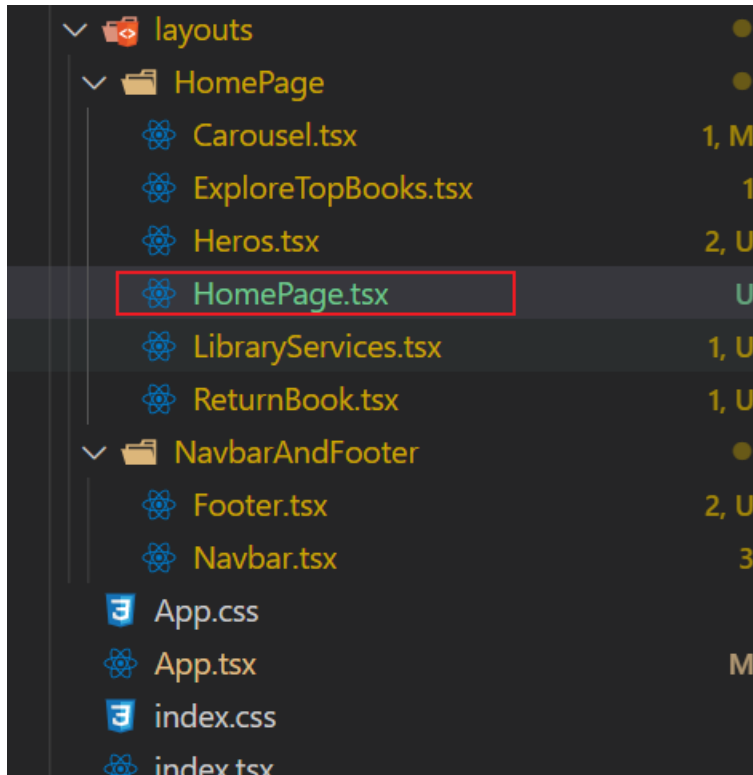
src > App.tsx > App
You, 2 minutes ago | 1 author (You)
1  import React from "react";
2  import "./App.css";
3  import { Navbar } from "../layouts/NavbarAndFooter/Navbar";
4  import { ExploreTopBooks } from "../layouts/HomePage/ExploreTopBooks";
5  import { Carousel } from "../layouts/HomePage/Carousel";
6  import { Heros } from "../layouts/HomePage/Heros";
7  import { LibraryServices } from "../layouts/HomePage/LibraryServices";
8  import { Footer } from "../layouts/NavbarAndFooter/Footer";
9
10 function App() {
11   // create a bootstrap navbar
12   return (
13     <div>
14       <Navbar />
15       <ExploreTopBooks />
16       <Carousel />
17       <Heros />
18       <LibraryServices />
19       <Footer />
20     </div>
21   );
22 }
23
24 export default App;
```

Run the application, we can get the page like this:

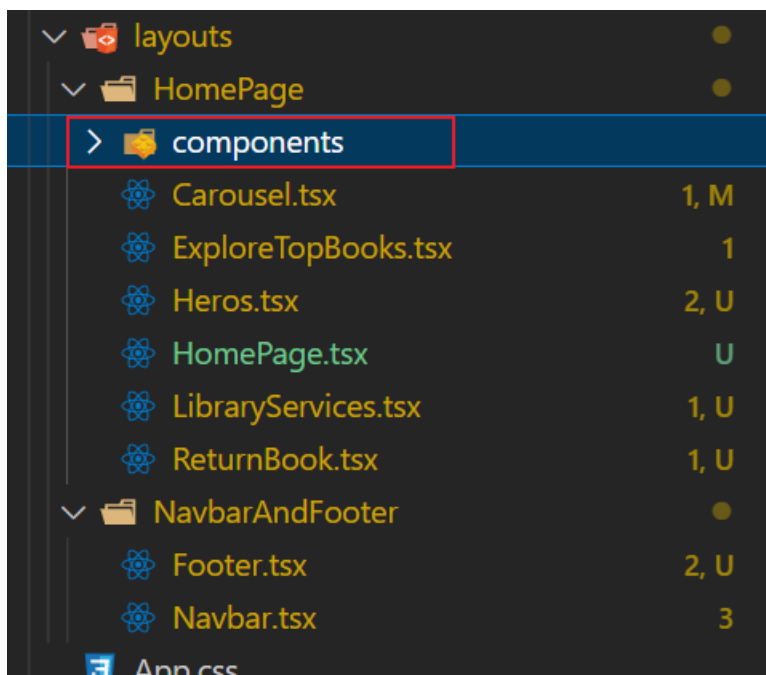


# 11. HOME PAGE CODE CLEAN UP

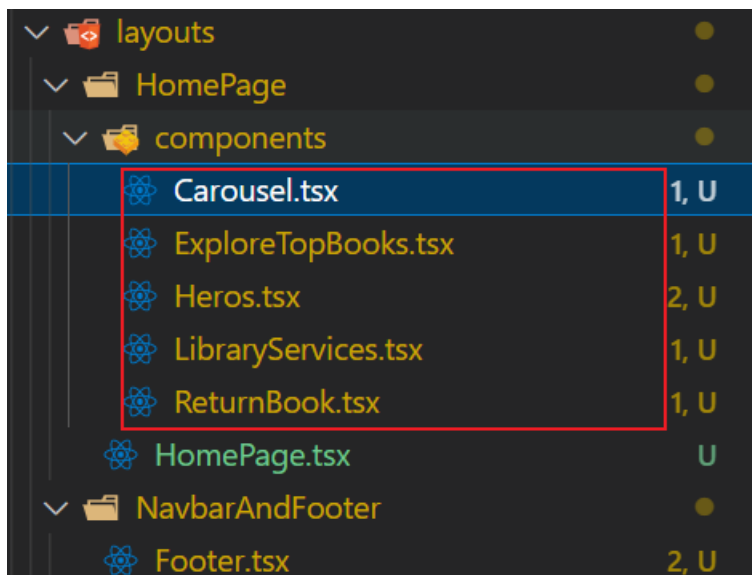
Create a new file HomePage.tsx in the HomePage directory.



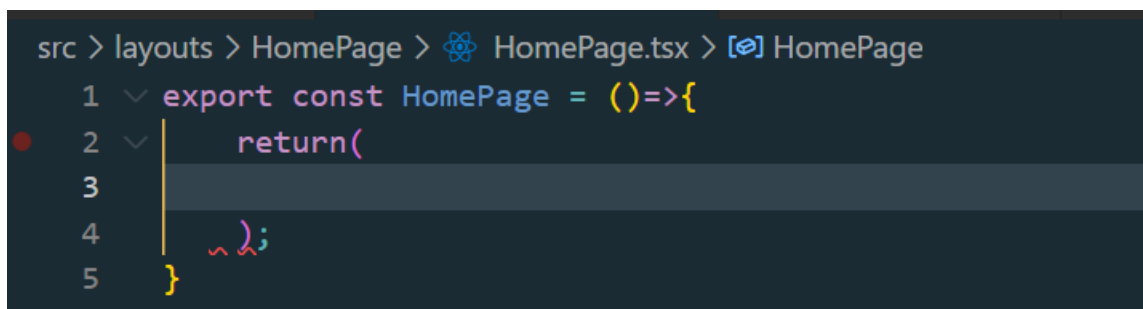
Create another directory “components” in the HomePage directory.



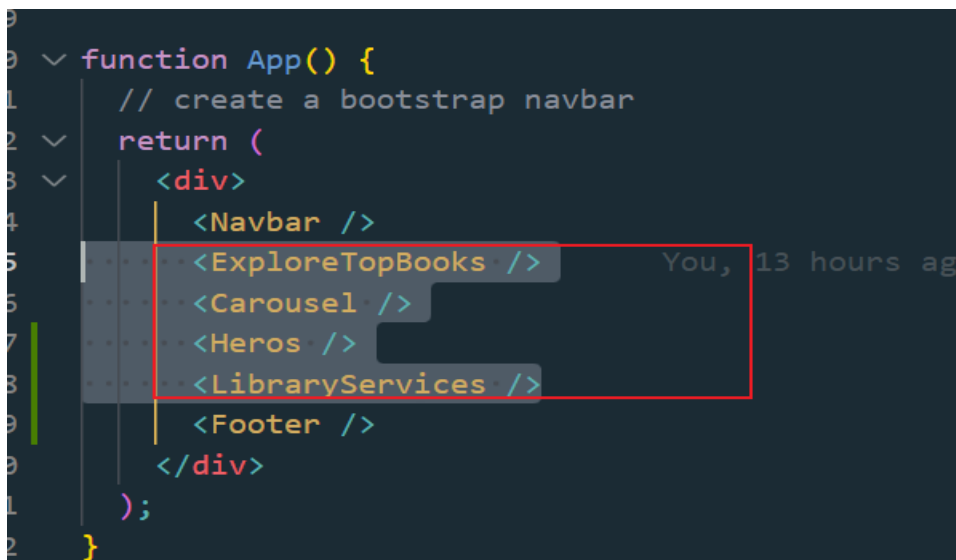
Move all the components we created before in the HomePage directory except HomePage.tsx.





Go to HomePage.tsx, create export const HomePage() structure.













Go to App.tsx, move ExploreTopBooks, Carousel, Heros and LibraryServices component into our HomePage.tsx.



Paste them into return part. And we add a pair of empty tag to wrap all these four components.

```
src > layouts > HomePage >  HomePage.tsx >  HomePage
1  import { Carousel } from "../components/Carousel";
2  import { ExploreTopBooks } from "../components/ExploreTopBooks";
3  import { Heros } from "../components/Heros";
4  import { LibraryServices } from "../components/LibraryServices";
5
6  export const HomePage = () => {
7    return (
8      <>
9        <ExploreTopBooks />
10       <Carousel />
11       <Heros />
12       <LibraryServices />
13     </>
14   );
15 };
16
```

Go back to App.tsx, we remove all the import paths for the four components.

```
 App.tsx 7, M x  HomePage.tsx U  Footer.tsx 2, U  Reti     
src >  App.tsx > ...
You, 16 seconds ago | 1 author (You)
1  import React from "react";
2  import "../App.css";
3  import { Navbar } from "../layouts/NavbarAndFooter/Navbar";
4  import { ExploreTopBooks } from "../layouts/HomePage/ExploreTopBooks";
5  import { Carousel } from "../layouts/HomePage/components/Carousel";
6  import { Heros } from "../layouts/HomePage/Heros";
7  import { LibraryServices } from "../layouts/HomePage/LibraryServices";
8  import { Footer } from "../layouts/NavbarAndFooter/Footer";
9
10 function App() {
11   // create a bootstrap navbar
12   return (
13     <div>
14       <Navbar />
15
16       <Footer />
17     </div>
18   );
19 }
20
21 export default App;
22
```



Then add the HomePage component in App.tsx

```
src > App.tsx > App
You, 1 second ago | 1 author (You)
1  import React from "react";
2  import "../App.css";
3  import { Navbar } from "../layouts/NavbarAndFooter/Navbar";
4  import { Footer } from "../layouts/NavbarAndFooter/Footer";
5  import { HomePage } from "../layouts/HomePage/HomePage";
6
7  function App() {
8    // create a bootstrap navbar
9    return (
10     <div>
11       <Navbar />
12       <HomePage />
13       <Footer />
14     </div>
15   );
16 }
17
18 export default App;
```

In App.tsx, change function App() into export const App arrow function.

```
App.tsx > ...
...
import React from "react";
import "../App.css";
import { Navbar } from "../layouts/NavbarAndFooter/Navbar";
import { Footer } from "../layouts/NavbarAndFooter/Footer";
import { HomePage } from "../layouts/HomePage/HomePage";

function App() {
  // create a bootstrap navbar
  return (
    <div>
      <Navbar />
      <HomePage />
      <Footer />
    </div>
  );
}

export default App;
```

```
export const App = () => {
  // create a bootstrap navbar
  return (
    <div>
      <Navbar />
      <HomePage />
      <Footer />
    </div>
  );
};
```

Go to index.tsx, add "{}" to "app" in the App import path

```
src > index.tsx > ...
You, 1 second ago | 1 author (You)
1 import React from "react";
2 import ReactDOM from "react-dom/client";
3 import "./index.css";
4 import { App } from "./App";
5
6 const root = ReactDOM.createRoot(
7   document.getElementById("root") as HTMLElement
8 );
9 root.render(
10   <React.StrictMode>
11     <App />
12   </React.StrictMode>
13 );
```

Then there will be an error.

```
ERROR in ./src/layouts/HomePage/components/ReturnBook.tsx 12:13-73
Module not found: Error: Can't resolve './../Images/BooksImages/book-luv2code-1000.png' in 'C:\Boot-React-Project\boot-react-project\src\layouts\HomePage\components'
```

So go to the ReturnBook.tsx.

```
ReturnBook.tsx 1, U X  Carousel.tsx 1, U  Heros.tsx 2, U  LibraryServices.tsx 1, U  ExploreTopBo
src > layouts > HomePage > components > ReturnBook.tsx > ReturnBook
1 import React from "react";
2
3 export const ReturnBook = () => {
4   return (
5     <div className="col-xs-6 col-sm-6 col-md-4 col-lg-3 mb-3">
6       <div className="text-center">
7         <img
8           src={require("./../Images/BooksImages/book-luv2code-1000.png")}
9           alt="book"
10          width="151"
11          height="233"
12        />
13        <h6 className="mt-2">Book</h6>
14        <p>Luv2Code</p>
15        <a className="btn main-color text-white" href="#">
16          Reserve
17        </a>
18      </div>
19    </div>
20  );
```

Then run the application. We can see the page.

