

- **Atividade**

- Instalar ;

- NVM-setup.exe
- NodeJS
- YARN;



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- | CURRENT | LTS | OLD STABLE | OLD UNSTABLE |
|---------|---------|------------|--------------|
| 23.9.0 | 22.14.0 | 0.12.18 | 0.11.16 |
| 23.8.0 | 22.13.1 | 0.12.17 | 0.11.15 |
| 23.7.0 | 22.13.0 | 0.12.16 | 0.11.14 |
| 23.6.1 | 22.12.0 | 0.12.15 | 0.11.13 |
| 23.6.0 | 22.11.0 | 0.12.14 | 0.11.12 |
| 23.5.0 | 20.18.3 | 0.12.13 | 0.11.11 |
| 23.4.0 | 20.18.2 | 0.12.12 | 0.11.10 |
| 23.3.0 | 20.18.1 | 0.12.11 | 0.11.9 |
| 23.2.0 | 20.18.0 | 0.12.10 | 0.11.8 |
| 23.1.0 | 20.17.0 | 0.12.9 | 0.11.7 |
| 23.0.0 | 20.16.0 | 0.12.8 | 0.11.6 |
| 22.10.0 | 20.15.1 | 0.12.7 | 0.11.5 |
| 22.9.0 | 20.15.0 | 0.12.6 | 0.11.4 |
| 22.8.0 | 20.14.0 | 0.12.5 | 0.11.3 |
| 22.7.0 | 20.13.1 | 0.12.4 | 0.11.2 |
| 22.6.0 | 20.13.0 | 0.12.3 | 0.11.1 |
| 22.5.1 | 20.12.2 | 0.12.2 | 0.11.0 |
| 22.5.0 | 20.12.1 | 0.12.1 | 0.9.12 |
| 22.4.1 | 20.12.0 | 0.12.0 | 0.9.11 |
| 22.4.0 | 20.11.1 | 0.10.48 | 0.9.10 |

- **nvm** install 22.14.0

- `nvm ls`

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REACT – Atividade

- **Atividade**
 - Instalar o **Yarn** ;
- YARN - **Yarn** é um gerenciador de pacotes para aplicar comandos prontos ao código de uma aplicação.
- Baixe o instalador
- Isso vai te dar o arquivo .msi que quando executado ira instalar **Yarn** no Windows.
- Para usar o instalador primeiro você precisará do **Node.js**.
- Baixe o Instalador
- Execute como administrador

REACT – Atividade

- Instalar o VITE

```
$ yarn add -D vite
```

É uma ferramenta para o frontend JavaScript com a qual você pode gerar estrutura de código de vários frameworks como **React**, Vanilla, Vue, Svelte e outros.

3

- ```

info @esbuild/linux-s390x@0.25.1: The platform "win32" is incompatible.
info "@esbuild/linux-s390x@0.25.1" is an optional dependency and is ignored.
info @esbuild/linux-s390x@0.25.1: The CPU architecture "x64" is incompatible.
info @esbuild/win32-arm64@0.25.1: The CPU architecture "x64" is incompatible.
info "@esbuild/win32-arm64@0.25.1" is an optional dependency and is ignored.
[3/4] Linking dependencies...
warning "@vitejs/plugin-react-swc > @swc/core@1.11.9" has unmet peer dependency "eslint@^8.0.0".
warning "@vitejs/plugin-react-swc > @swc/core@1.11.9" has unmet peer dependency "jiti@*".
warning "@vitejs/plugin-react-swc > vite@6.2.1" has unmet peer dependency "@types/node@>=18.0.0".
warning "@vitejs/plugin-react-swc > vite@6.2.1" has unmet peer dependency "jiti@>=1.21.0".
warning "@vitejs/plugin-react-swc > vite@6.2.1" has unmet peer dependency "less@*".
warning "@vitejs/plugin-react-swc > vite@6.2.1" has unmet peer dependency "lightningcss@>=1.23.0".
warning "@vitejs/plugin-react-swc > vite@6.2.1" has unmet peer dependency "sass@*".
warning "@vitejs/plugin-react-swc > vite@6.2.1" has unmet peer dependency "sass-embedded@>=1.63.0".
warning "@vitejs/plugin-react-swc > vite@6.2.1" has unmet peer dependency "stylus@*".
warning "@vitejs/plugin-react-swc > vite@6.2.1" has unmet peer dependency "sugarss@*".
warning "@vitejs/plugin-react-swc > vite@6.2.1" has unmet peer dependency "terser@^5.0.0".
warning "@vitejs/plugin-react-swc > vite@6.2.1" has unmet peer dependency "tsx@^4.8.1".
warning "@vitejs/plugin-react-swc > vite@6.2.1" has unmet peer dependency "yaml@^2.4.2".
[4/4] Building fresh packages...
success Saved lockfile.
Done in 56.68s.

```



- The image shows a Windows command prompt window with the following text:

```
C:\Treinamentos\Curso\react\Projetos\projetoReact>code .
```

Below the command prompt is a screenshot of the Visual Studio Code (VS Code) Explorer sidebar. The sidebar shows the project structure for 'PROJETOREACT'.

  - PROJETOREACT
    - node\_modules
    - public
    - src
    - .gitignore
    - eslint.config.js
    - index.html
    - package.json
    - README.md
    - tsconfig.app.json
    - tsconfig.json
    - tsconfig.node.json
    - vite.config.ts
    - yarn.lock

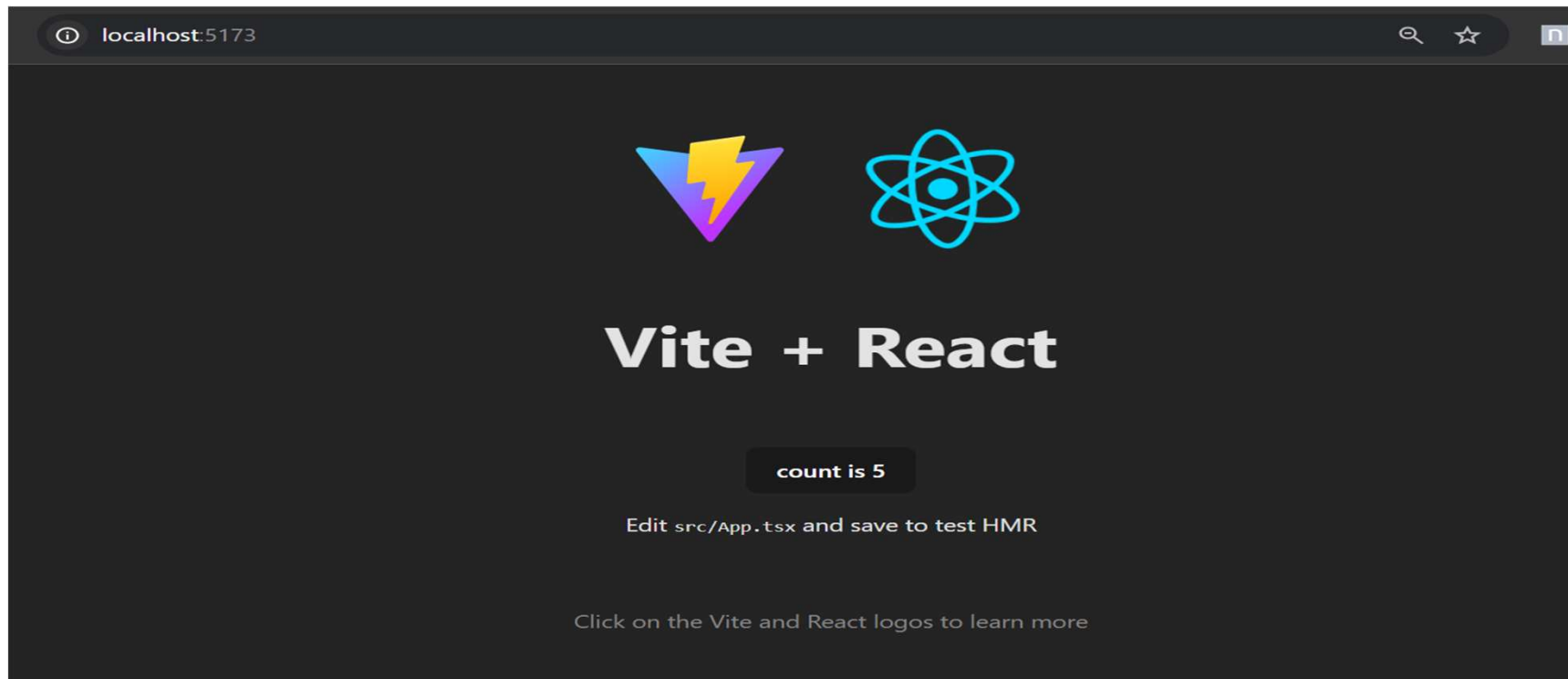
# REACT – Atividade

- Executando o projeto

- yarn dev

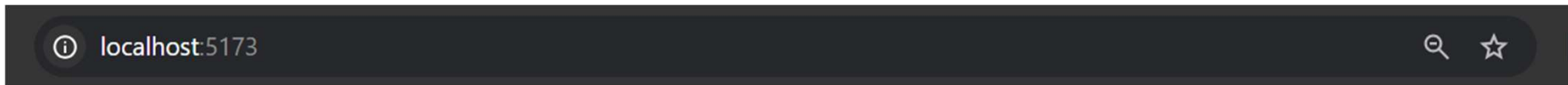
```
VITE v6.2.1 ready in 2040 ms

→ Local: http://localhost:5173/
→ Network: use --host to expose
→ press h + enter to show help
```

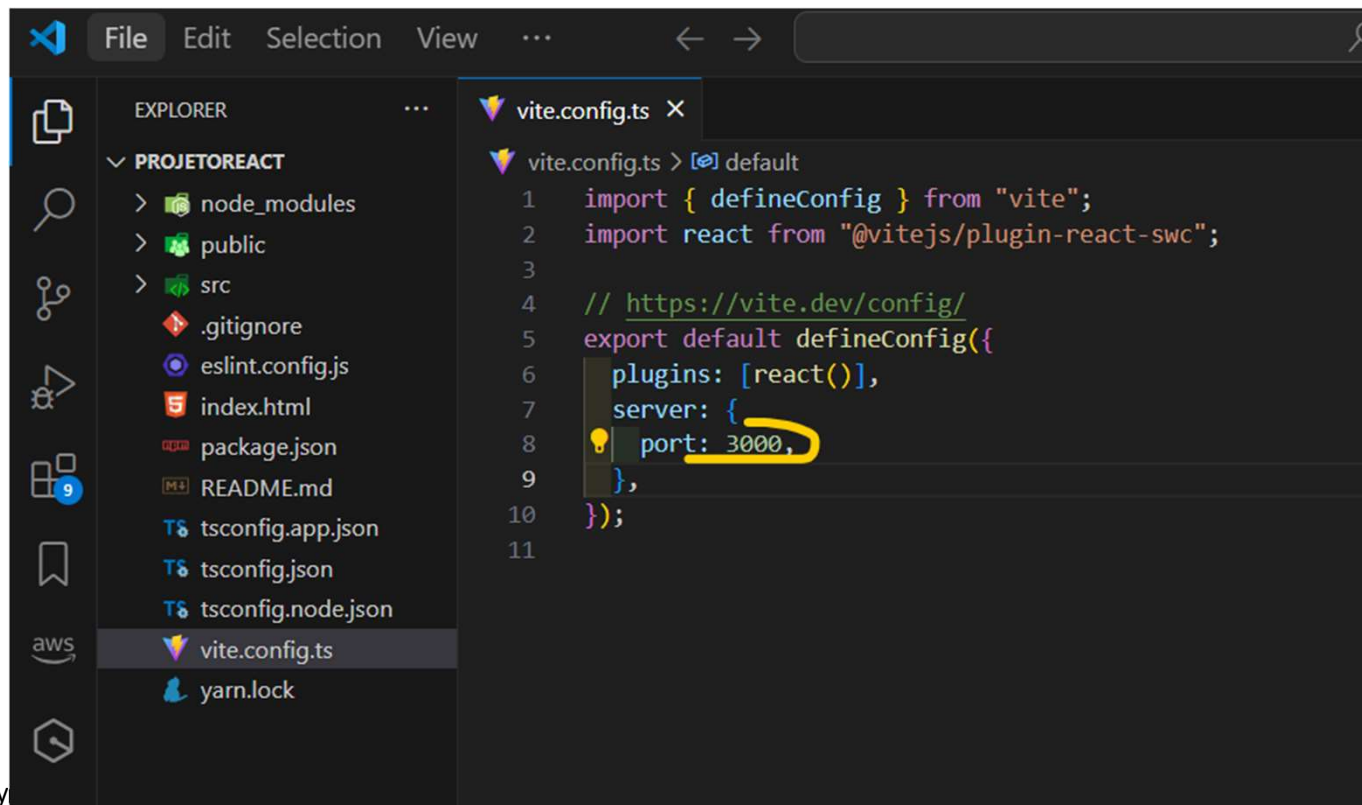


- Vite.config.ts

- Por padrão o vite inicia na porta 5173.



- Podemos mudar para 3000, conforme abaixo:



- **Atividade**

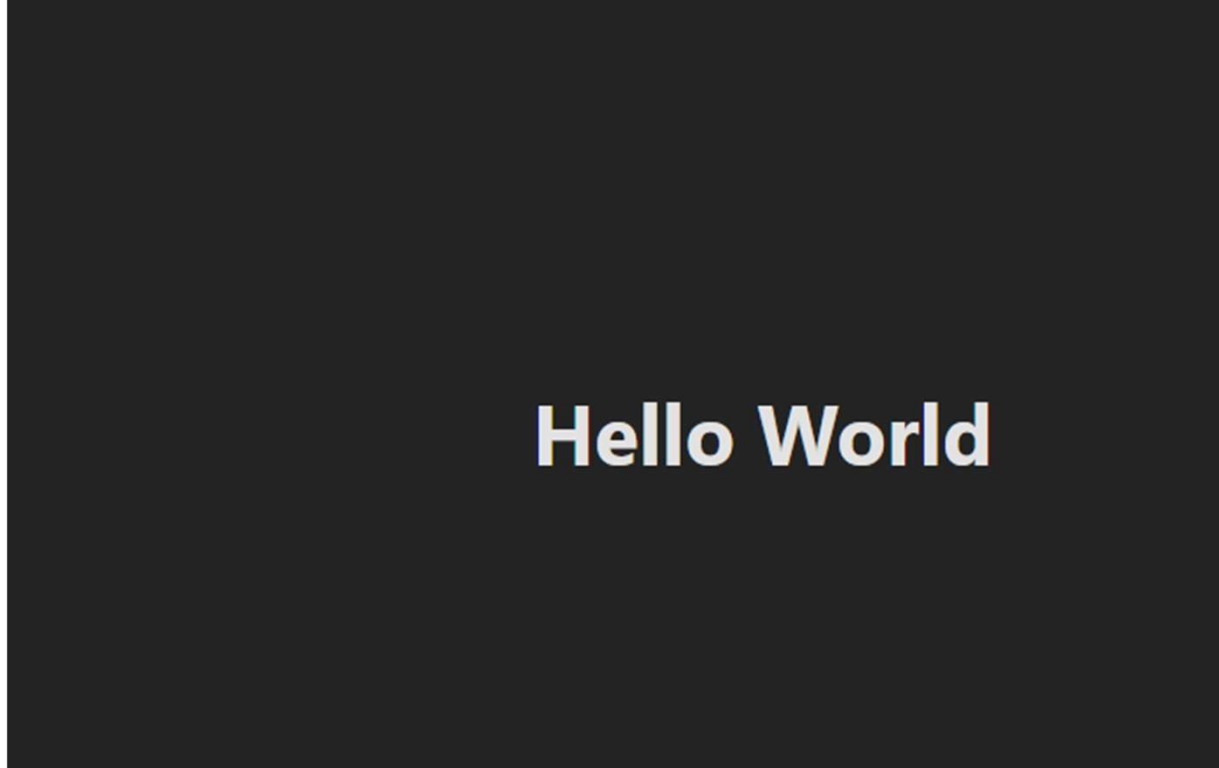
- Abrir o app.tsx
- Altere igual como na imagem.

EXPLORER

- PROJECTOREACT
  - node\_modules
  - public
  - src
    - assets
    - App.css
    - App.tsx 4
    - index.css
    - main.tsx
    - vite-env.d.ts
    - .gitignore
    - eslint.config.js
    - index.html
    - package.json
    - README.md
    - tsconfig.app.json
    - tsconfig.json
    - tsconfig.node.json
    - vite.config.ts
    - yarn.lock

src > App.tsx > ...

```
1 import { useState } from "react";
2 import reactLogo from "./assets/react.svg";
3 import viteLogo from "/vite.svg";
4 import "./App.css";
5
6 function App() {
7 const [count, setCount] = useState(0);
8
9 return (
10 <>
11 <div>
12 <h1>Hello World</h1>
13 </div>
14 </>
15);
16 }
17
18 export default App;
```

- 
- A screenshot of a web browser window. The address bar at the top shows 'localhost:3000' with an information icon on the left and search and star icons on the right. The main content area has a dark gray background and displays the text 'Hello World' in a large, bold, white sans-serif font, centered horizontally and vertically.

214869676820706572666f726d616e63652e2044656c6976657265642e2f486967682070657266f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820

-

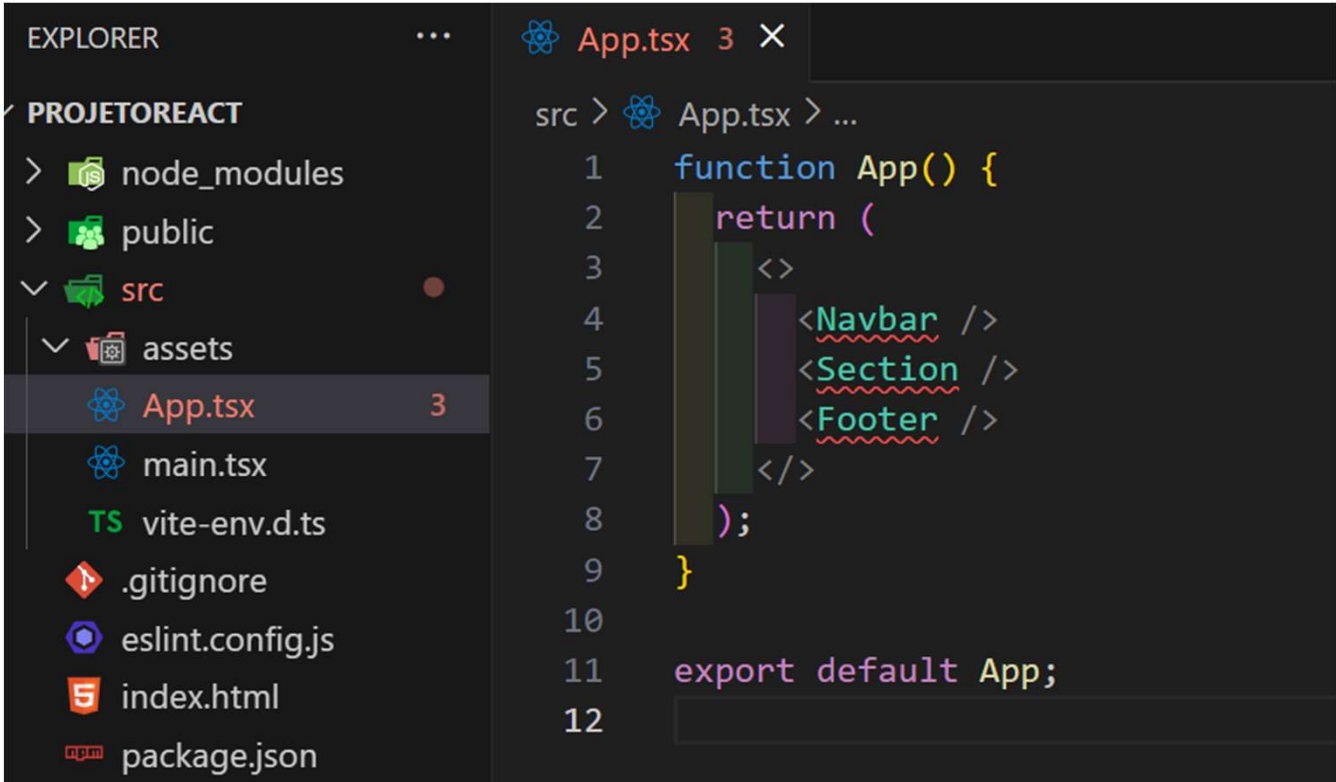


[illegible]

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- Criando componentes

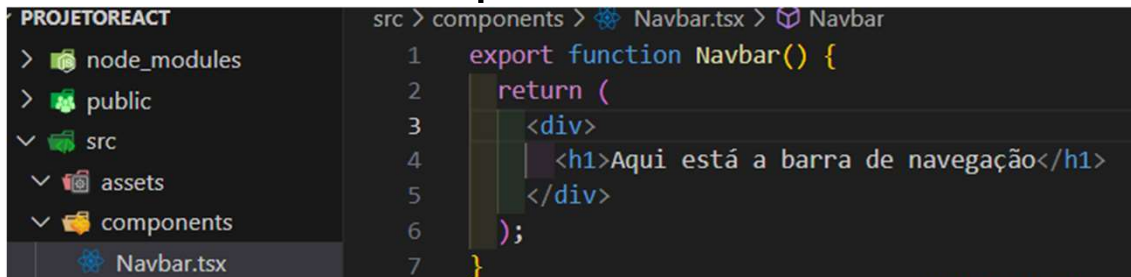


- 
- The diagram illustrates the first step of the tutorial: creating a new folder. On the left, the 'src' directory is shown in a file explorer. A right-click context menu is open, and the 'New Folder' option is highlighted. A large blue arrow points to the right, where the 'src' directory is shown again, but now with a new folder named 'components' created inside it. The files 'App.tsx', 'index.tsx', and 'react-app-env.d.ts' are still listed below the 'components' folder.



# REACT – Atividade

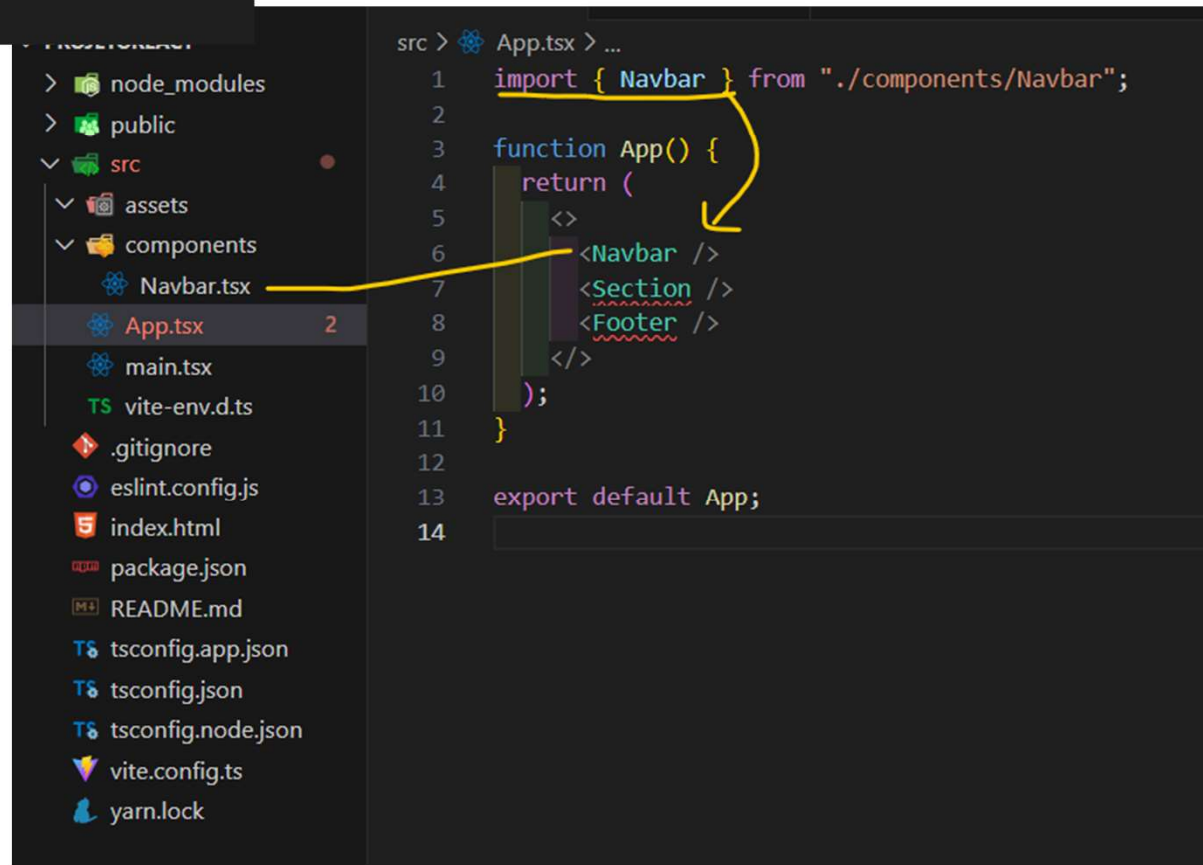
- Criando componentes
  - Criar um arquivo Navbar.tsx;



The screenshot shows the file explorer on the left with the project structure: node\_modules, public, src (assets, components), and Navbar.tsx. The main editor displays the code for Navbar.tsx:

```
1 export function Navbar() {
2 return (
3 <div>
4 <h1>Aqui está a barra de navegação</h1>
5 </div>
6);
7 }
```

No App.tsx, importar a Navbar criada.



The screenshot shows the file explorer on the left with the project structure: node\_modules, public, src (assets, components), Navbar.tsx, App.tsx, main.tsx, vite-env.d.ts, .gitignore, eslint.config.js, index.html, package.json, README.md, tsconfig.app.json, tsconfig.json, tsconfig.node.json, vite.config.ts, and yarn.lock. The main editor displays the code for App.tsx:

```
1 import { Navbar } from "../components/Navbar";
2
3 function App() {
4 return (
5 <>
6 <Navbar />
7 <Section />
8 <Footer />
9 </>
10);
11 }
12
13 export default App;
14
```

A yellow arrow points from the `Navbar` in the `import` statement to the `<Navbar />` in the JSX element.

- The screenshot shows the VS Code interface. On the left, the file explorer displays the project structure: **PROJECTOREACT** > **src** > **components**. The file **Section.tsx** is selected. On the right, the code editor shows the content of **Section.tsx**:

```
src > components > Section.tsx > ...
1 export function Section() {
2 return (
3 <>
4 <div>
5 <h2>Aqui fica posiconada a Section</h2>
6 </div>
7 </>
8);
```

The screenshot shows a code editor with a dark theme. On the left, the file explorer displays the project structure: 'PROJECTOREACT' with subfolders 'node\_modules', 'public', and 'src'. Inside 'src', there are 'assets' and 'components' folders. The 'components' folder contains 'Navbar.tsx', 'Section.tsx', and 'App.tsx' (which is selected and highlighted). Below 'components' are 'main.tsx' and 'vite-env.d.ts'. At the bottom of the file explorer are '.gitignore' and 'tsconfig.json'. The main editor area shows the content of 'App.tsx':  

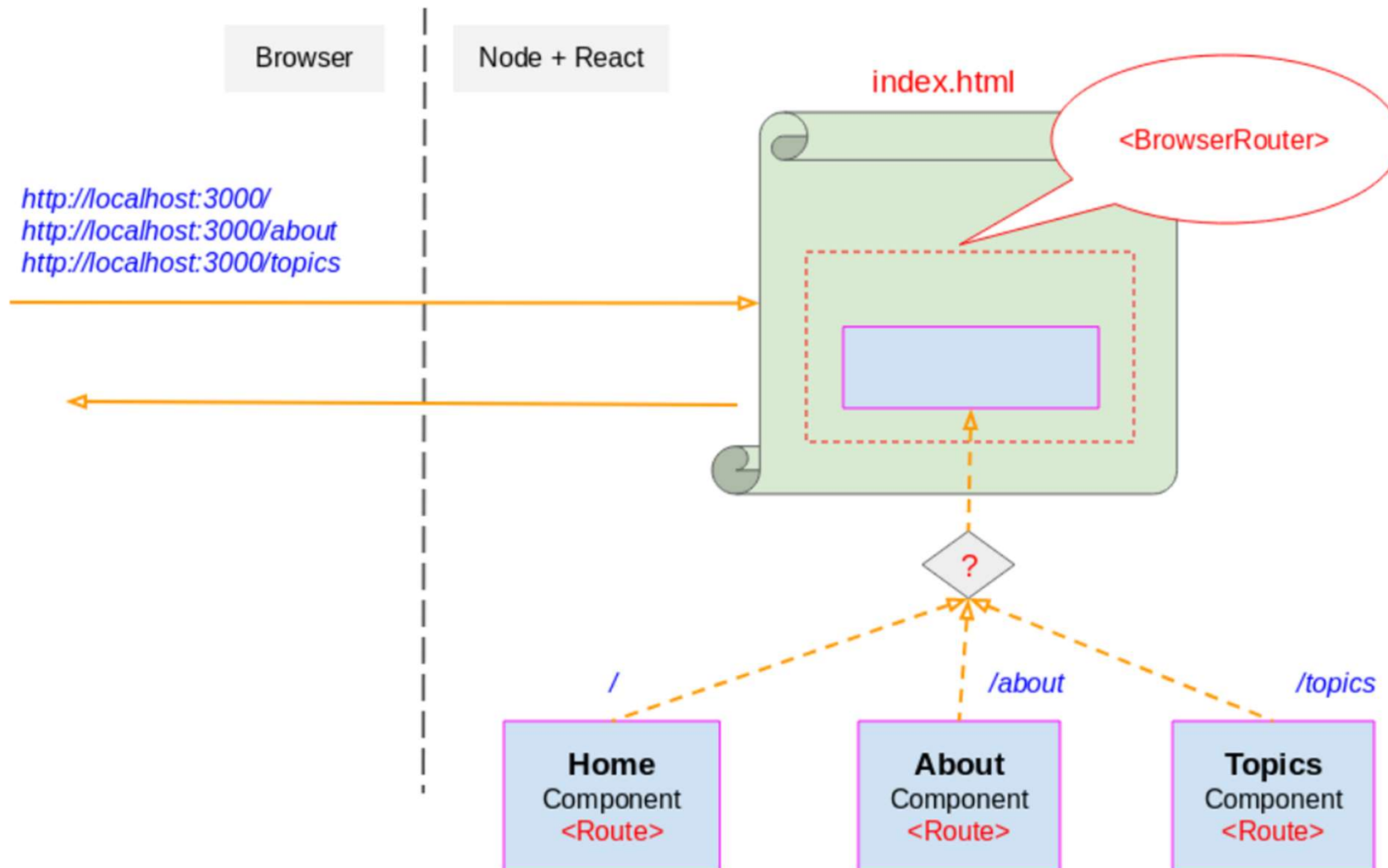
```
src > App.tsx > App
1 import { Navbar } from "../components/Navbar";
2 import { Section } from "../components/Section";
3
4 function App() {
5 return (
6 <>
7 <Navbar />
8 <Section />
9 </>
10);
11 }
12
13 export default App;
```



[illegible]

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- React.Router



[illegible]

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```
success Saved lockfile.
```

```
@types/cookie@0.6.0
cookie@1.0.2
react-router-dom@7.3.0
react-router@7.3.0
set-cookie-parser@2.7.1
turbo-stream@2.4.0
```

214869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820

\_\_\_\_\_

```
VITE v6.2.1 ready in 5272 ms
```

- Local: <http://localhost:3000/>
- Network: use `--host` to expose
- press `h + enter` to show help



[illegible]

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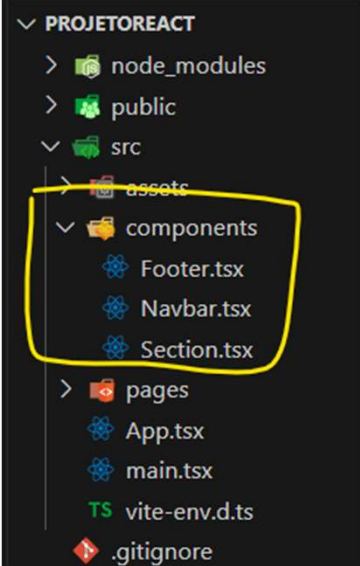
```
import { BrowserRouter, Routes, Route } from "react-router-dom";
import { Footer } from "../components/Footer";
import { Layout } from "../pages/Layout";
import { Sessao } from "../pages/Sessao";
import { Home } from "../pages/home";
import { Nopage } from "../pages/Nopage";
```

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[illegible]

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214869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820



- Footer.tsx
- Navbar.tsx
- Section.tsx

214869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820

- ```
export function Footer() {
  return (
    <div>
      <p>&copy; 2025 - Todos os direitos reservados.</p>
    </div>
  );
}
```


- ```
export function Navbar() {
 return (
 <div>
 <h1>Aqui está a barra de navegação</h1>
 </div>
);
}
```

214869676820706572666f726d616e63652e2044656c6976657265642e2f486967682070657266f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820

- ```
export function Section() {
  return (
    <>
      <div>
        <h1>Aqui fica posicionada a Section</h1>
      </div>
    </>
  );
}
```

[illegible]

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- ▼ PROJECTREACT
 - > node_modules
 - > public
 - ▼ src
 - > assets
 - > components
 - ▼ pages
 - Home.tsx
 - Layout.tsx
 - Nopage.tsx
 - Nopage1.tsx
 - Sessao.tsx
 - App.tsx
 - main.tsx
 - TS vite-env.d.ts
 - .gitignore

- Home.tsx
- Layout.tsx
- Nopage.tsx
- Sessao.tsx

- ```
import { Navbar } from "../components/Navbar";

export function Home() {
 return (
 <>
 <Navbar />
 </>
);
}
```

- ```
import { Outlet, Link } from "react-router-dom";

export function Layout() {
  return (
    <>
      <nav>
        <ul>
          <li>
            <Link to="/Home">Home</Link>
          </li>
          <li>
            <Link to="/Sessao">Sessao</Link>
          </li>
        </ul>
      </nav>

      <Outlet />
    </>
  );
}
```

- ```
import { Section } from "../components/Section";

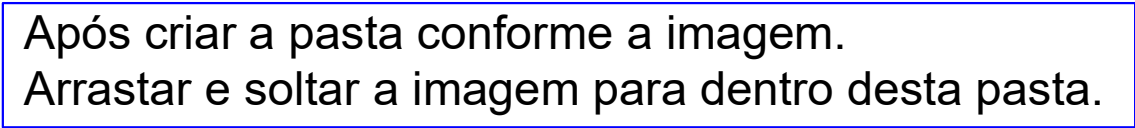
export function Sessao() {
 return (
 <>
 <Section />
 </>
);
}
```

- ```
export function Nopage() {
  return (
    <>
    <h1>Erro 404 - Not Found</h1>;
    </>
  );
}
```


[illegible]

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214869676820706572666f726d616e63652e2044656c6976657265642e2f486967682070657266f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820706572666f726d616e63652e2044656c6976657265642e2f4869676820



[illegible]

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- ```
import minhaImagem from "../assets/404-not-found.gif";

export function Nopage() {
 return (
 <>
 <div>

 </div>
 </>
);
}
```

**Contact.tsx** - Irá exibir o nome de cada membro da equipe que desenvolveu a página. O nome na verdade é um link que ao ser clicado irá exibir a foto daquela pessoa.