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Matricula: 20241tsis0010

Matéria: Front-end II

1. Após abrir o prompt de Comando foi dado o comando `cd Documents` para acesar, via terminal, a pasta Documents.


 Prompt de Comando

```
Microsoft Windows [versão 10.0.19044.1288]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\DELL>cd Documents

C:\Users\DELL\Documents>
```

2. Dado o comando **`npx create-react-app react-front-end`** para criar a pasta react-front-end dentro da pasta Documents;


 Prompt de Comando

```
Microsoft Windows [versão 10.0.19044.1288]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\DELL>cd Documents

C:\Users\DELL\Documents>npx create-react-app react-front-end
```

3. Após digitar o comando acima e dado enter, o prompt de comando criou todos os arquivos necessários

 npm install react react-dom react-scripts cra-template

```
Microsoft Windows [versão 10.0.19044.1288]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\DELL>cd Documents

C:\Users\DELL\Documents>npx create-react-app react-front-end

Creating a new React app in C:\Users\DELL\Documents\react-front-end.

Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...
```

```
added 1314 packages in 1m

259 packages are looking for funding
  run `npm fund` for details

Installing template dependencies using npm...

added 46 packages, and changed 1 package in 7s

263 packages are looking for funding
  run `npm fund` for details
Removing template package using npm...

removed 1 package, and audited 1360 packages in 4s

263 packages are looking for funding
  run `npm fund` for details

8 vulnerabilities (2 moderate, 6 high)

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.

Success! Created react-front-end at C:\Users\DELL\Documents\react-front-end
Inside that directory, you can run several commands:

  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 react-front-end
  npm start

Happy hacking!

C:\Users\DELL\Documents>
```

- Após criação da pasta foi verificado junto a pasta Documents se a pasta react-front-end foi criada;

Computador > Disco Local (C:) > Usuarios > DELL > Documents

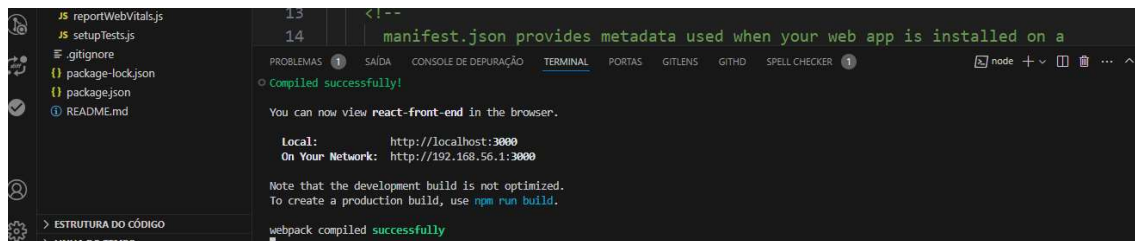
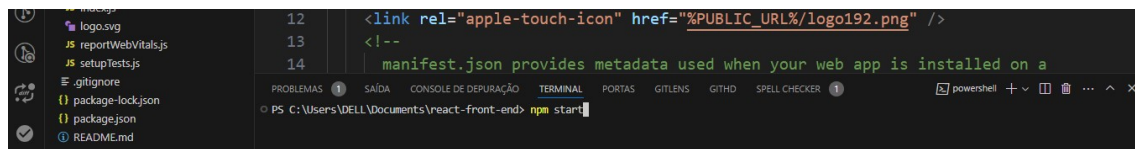
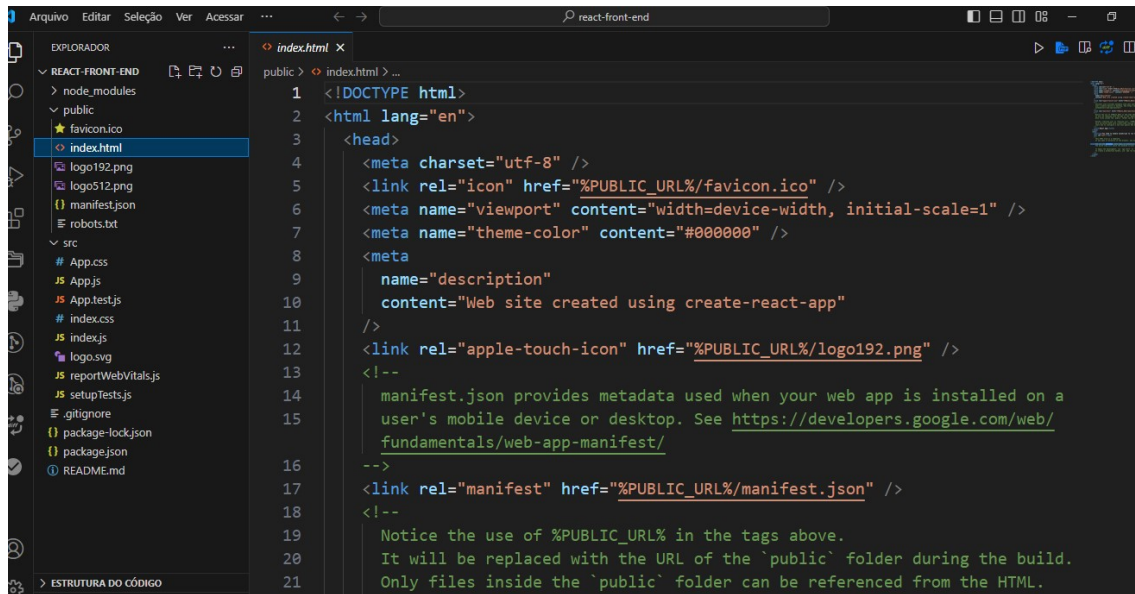
	Nome	Data de modificação	Tipo	Tamanho
	java	28/12/2023 11:33	Pasta de arquivos	
	livrojs	29/11/2024 18:41	Pasta de arquivos	
	python	20/02/2024 15:33	Pasta de arquivos	
	react-front-end	30/11/2024 19:52	Pasta de arquivos	
	react-ux-design-figma	29/11/2024 18:07	Pasta de arquivos	

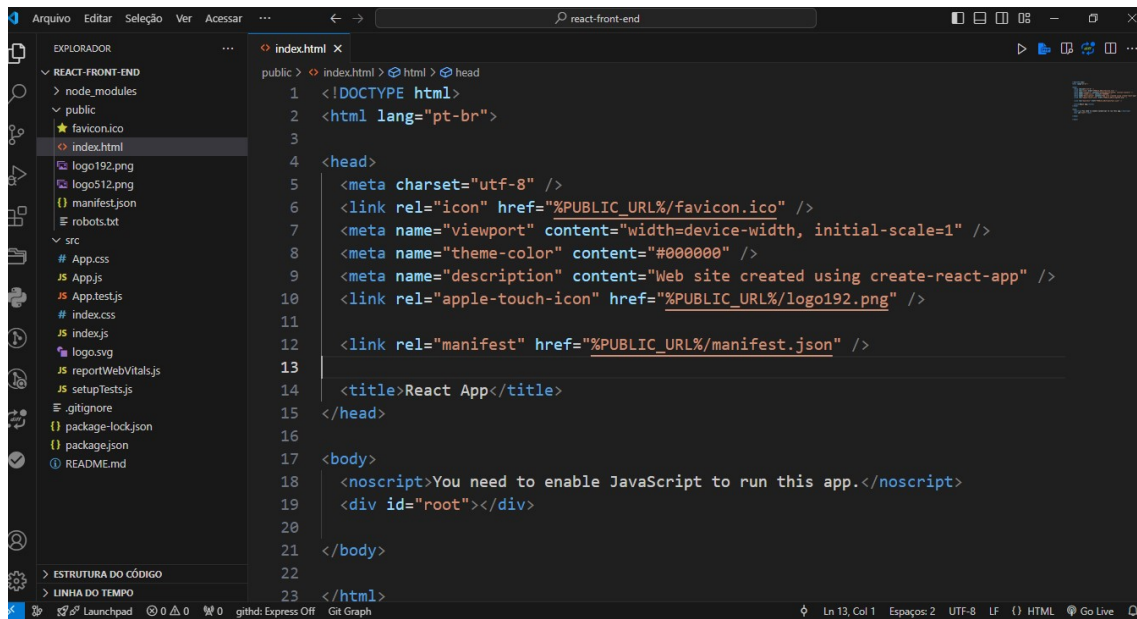
- No prompt de comando foi dado o comando **npm start** para abrir o aplicativo criado

```
Happy hacking!  
C:\Users\DELL\Documents>cd react-front-end  
C:\Users\DELL\Documents\react-front-end>npm start
```

```
Compiled successfully!  
You can now view react-front-end in the browser.  
  
Local:      http://localhost:3000  
On Your Network:  http://192.168.56.1:3000  
  
Note that the development build is not optimized.  
To create a production build, use npm run build.  
  
webpack compiled successfully
```

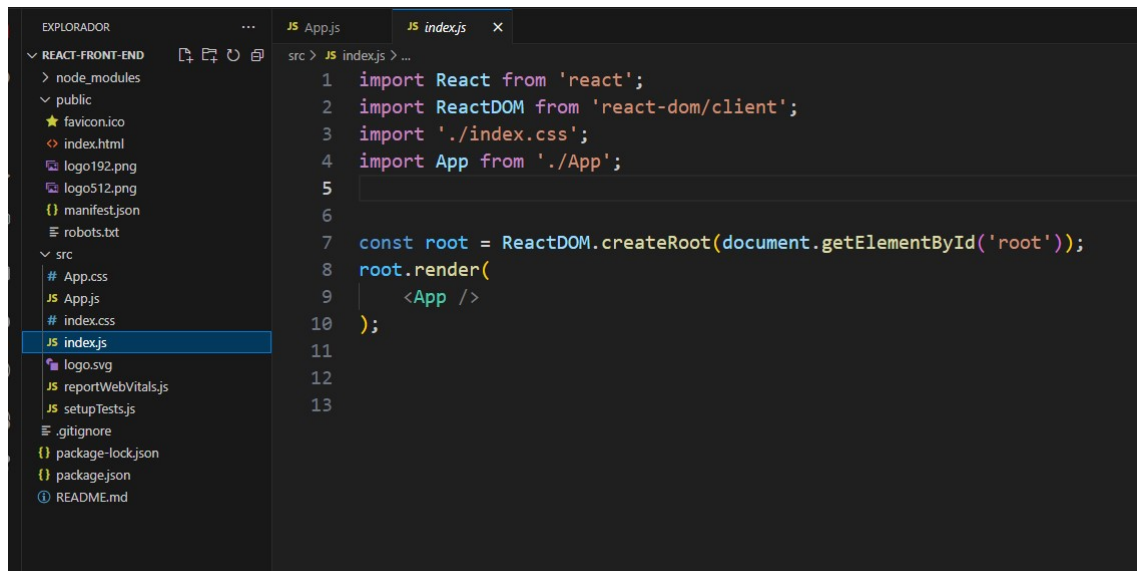
6. Aberto o VSCode para fazer as alterações conforme ensinado em vídeo aula





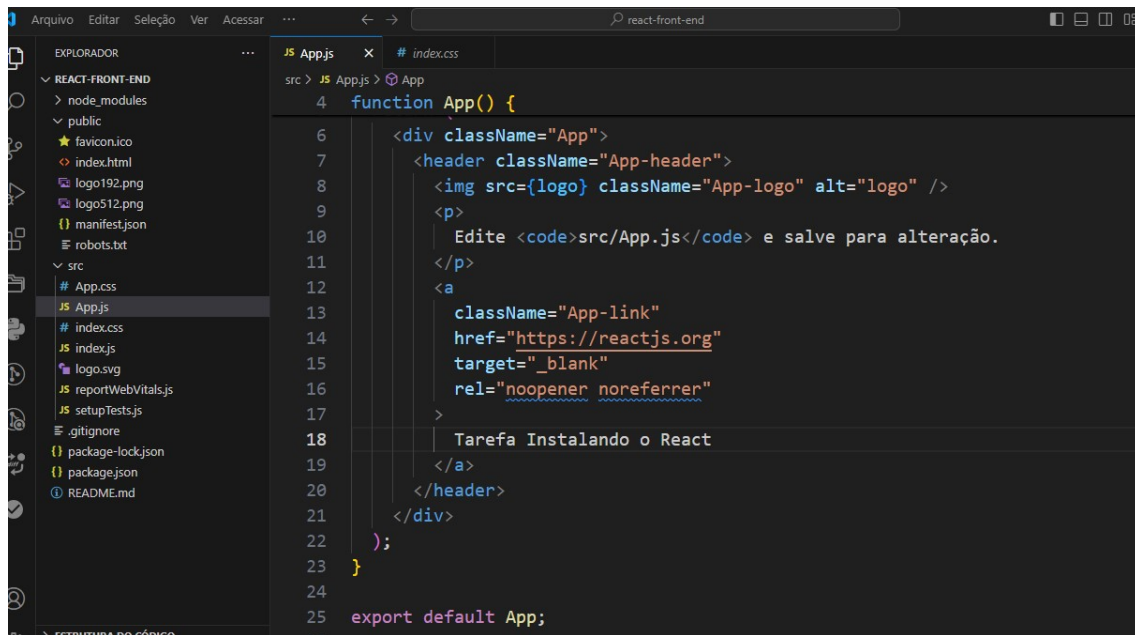
The screenshot shows the Visual Studio Code editor with a React project open. The Explorer sidebar on the left shows the file structure: REACT-FRONT-END, node_modules, public (containing favicon.ico, index.html, logo192.png, logo512.png, manifest.json, robots.txt), and src (containing App.css, App.js, App.test.js, index.css, index.js, logo.svg, reportWebVitals.js, setupTests.js, .gitignore, package-lock.json, package.json, and README.md). The main editor area displays the content of index.html, which is an HTML document template for a React application. The code includes a DOCTYPE declaration, HTML lang attribute, a head section with meta tags for charset, viewport, theme-color, description, and links for favicon, apple-touch-icon, and manifest. The body contains a noscript message and a root div.

```
1 <!DOCTYPE html>
2 <html lang="pt-br">
3
4 <head>
5   <meta charset="utf-8" />
6   <link rel="icon" href="%PUBLIC_URL%/favicon.ico" />
7   <meta name="viewport" content="width=device-width, initial-scale=1" />
8   <meta name="theme-color" content="#000000" />
9   <meta name="description" content="Web site created using create-react-app" />
10  <link rel="apple-touch-icon" href="%PUBLIC_URL%/logo192.png" />
11
12  <link rel="manifest" href="%PUBLIC_URL%/manifest.json" />
13
14  <title>React App</title>
15 </head>
16
17 <body>
18   <noscript>You need to enable JavaScript to run this app.</noscript>
19   <div id="root"></div>
20
21 </body>
22
23 </html>
```



The screenshot shows the Visual Studio Code editor with the same React project. The Explorer sidebar is the same as in the first image. The main editor area displays the content of index.js, which is a JavaScript file that imports React, ReactDOM, index.css, and App. It then creates a root element and renders the App component into it.

```
1 import React from 'react';
2 import ReactDOM from 'react-dom/client';
3 import './index.css';
4 import App from './App';
5
6
7 const root = ReactDOM.createRoot(document.getElementById('root'));
8 root.render(
9   <App />
10 );
11
12
13
```

```
4 function App() {
6   <div className="App">
7     <header className="App-header">
8       <img src={logo} className="App-logo" alt="logo" />
9       <p>
10        Edite <code>src/App.js</code> e salve para alteração.
11      </p>
12      <a
13        className="App-link"
14        href="https://reactjs.org"
15        target="_blank"
16        rel="noopener noreferrer"
17      >
18        Tarefa Instalando o React
19      </a>
20    </header>
21  </div>
22 };
23
24
25 export default App;
```

7. Apresentação final do APP após as alterações via VSCode.

