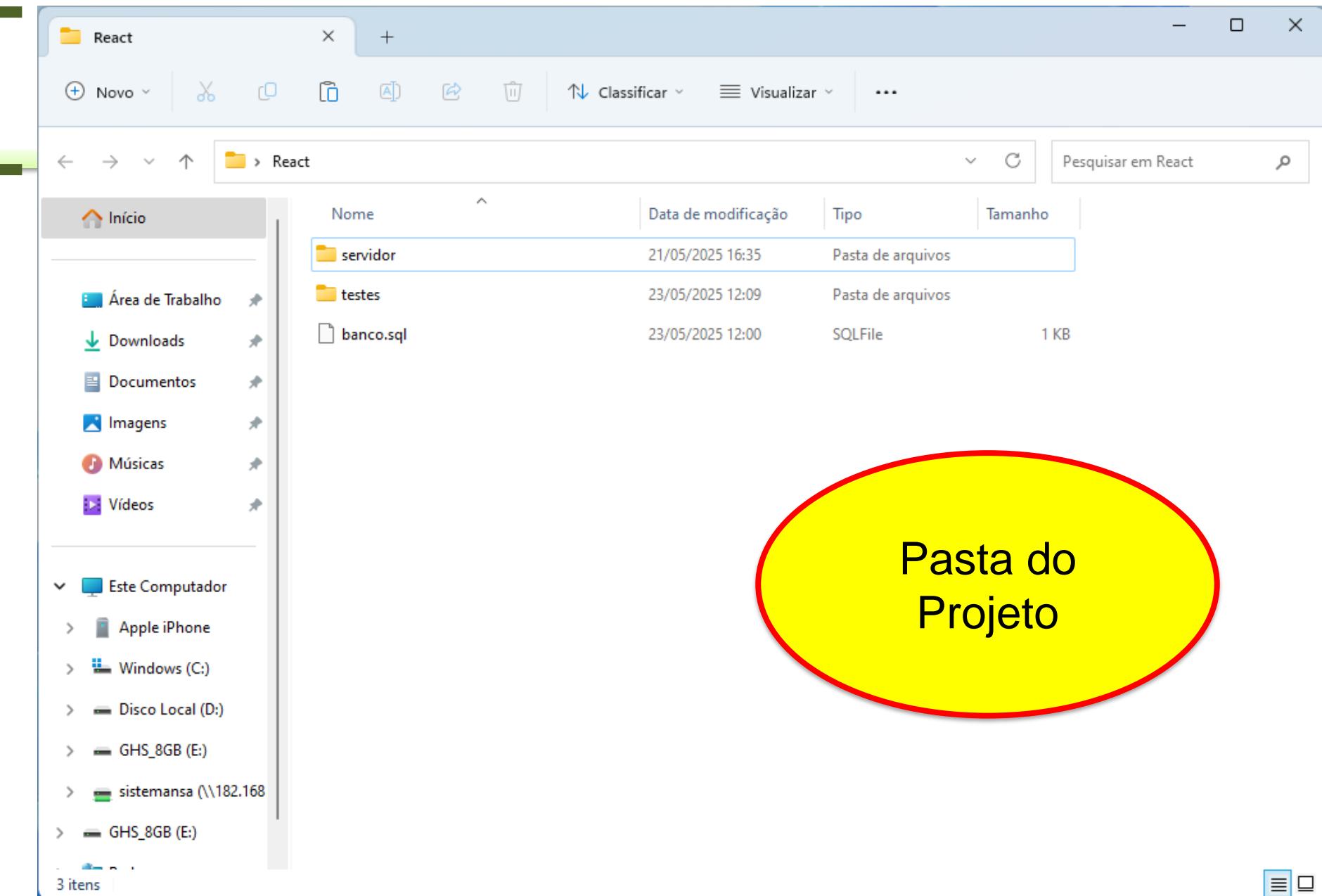


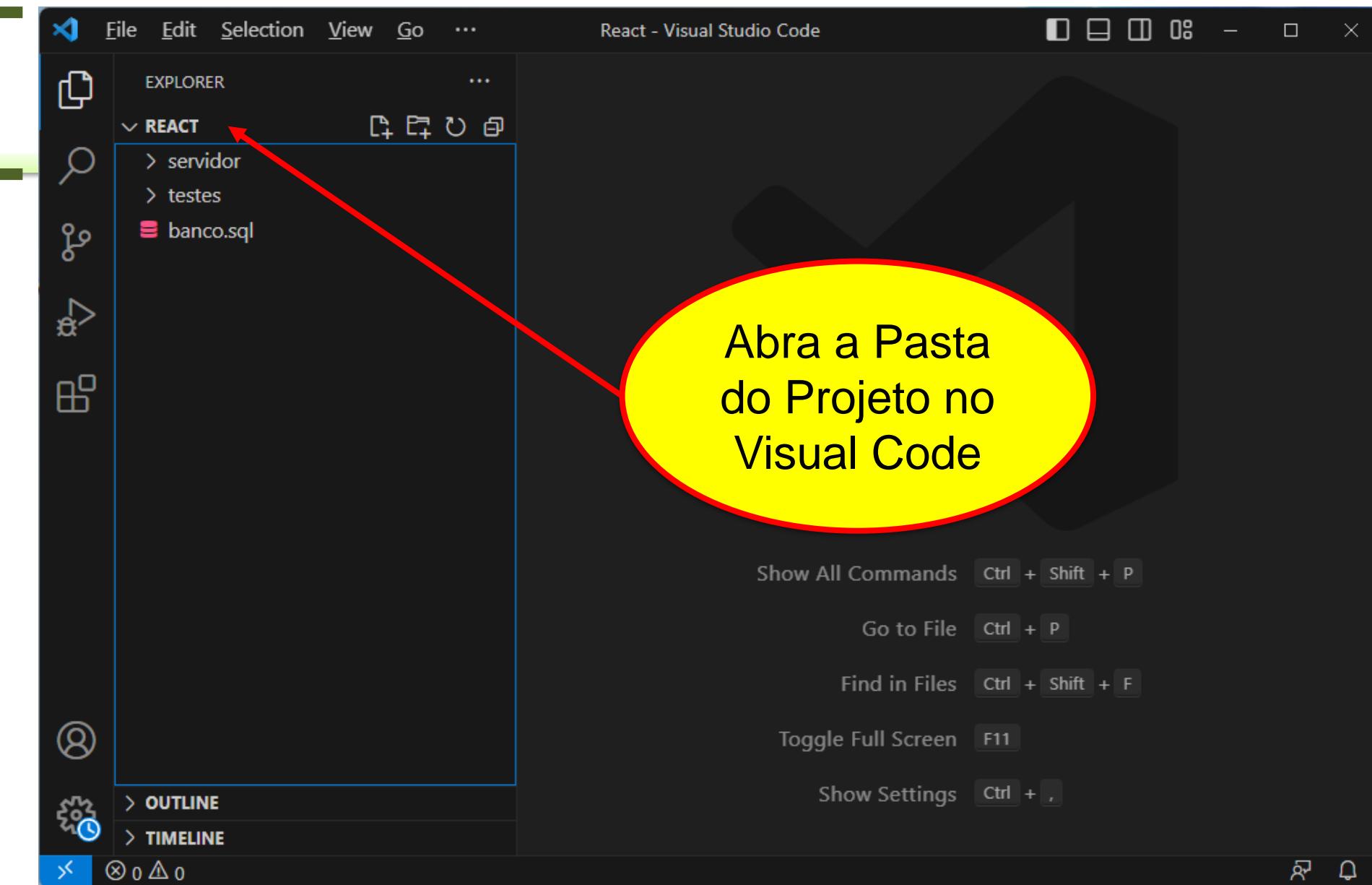
## 10-3 - Criação do Projeto no React

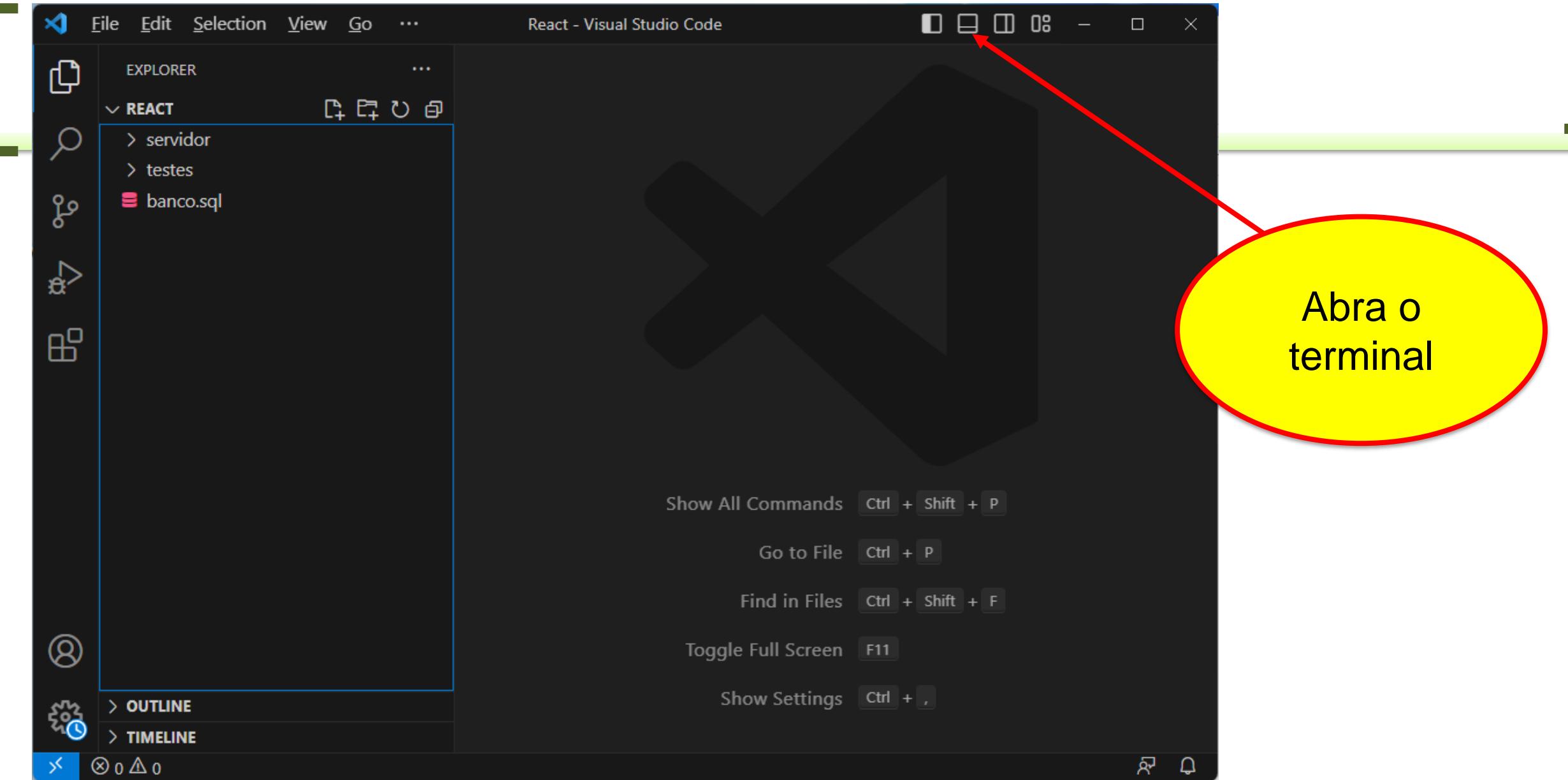
**Guilherme Henrique de Souza**

guilherme.souza@etec.sp.gov.br

guilherme.souza183@fatec.sp.gov.br





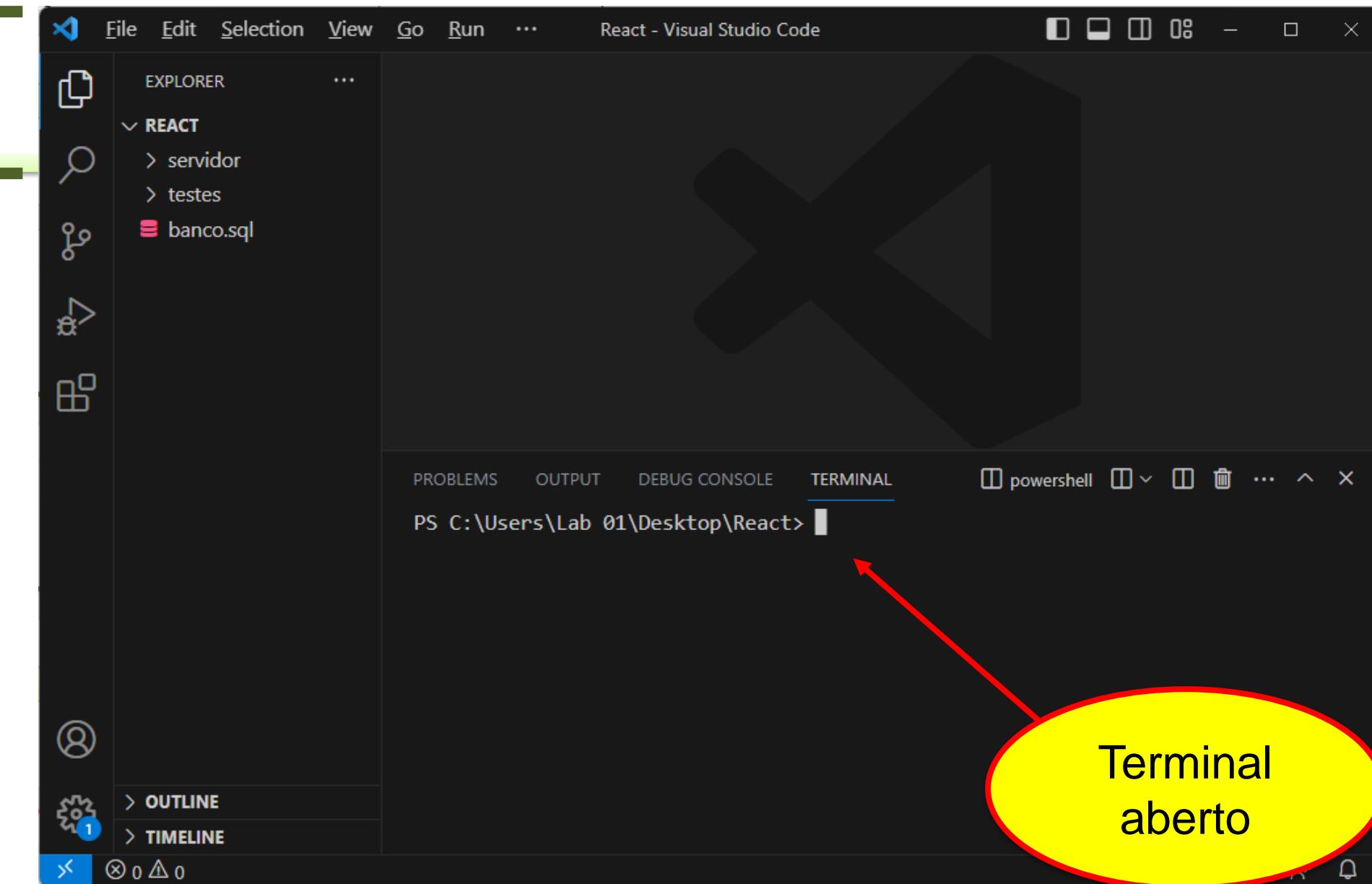


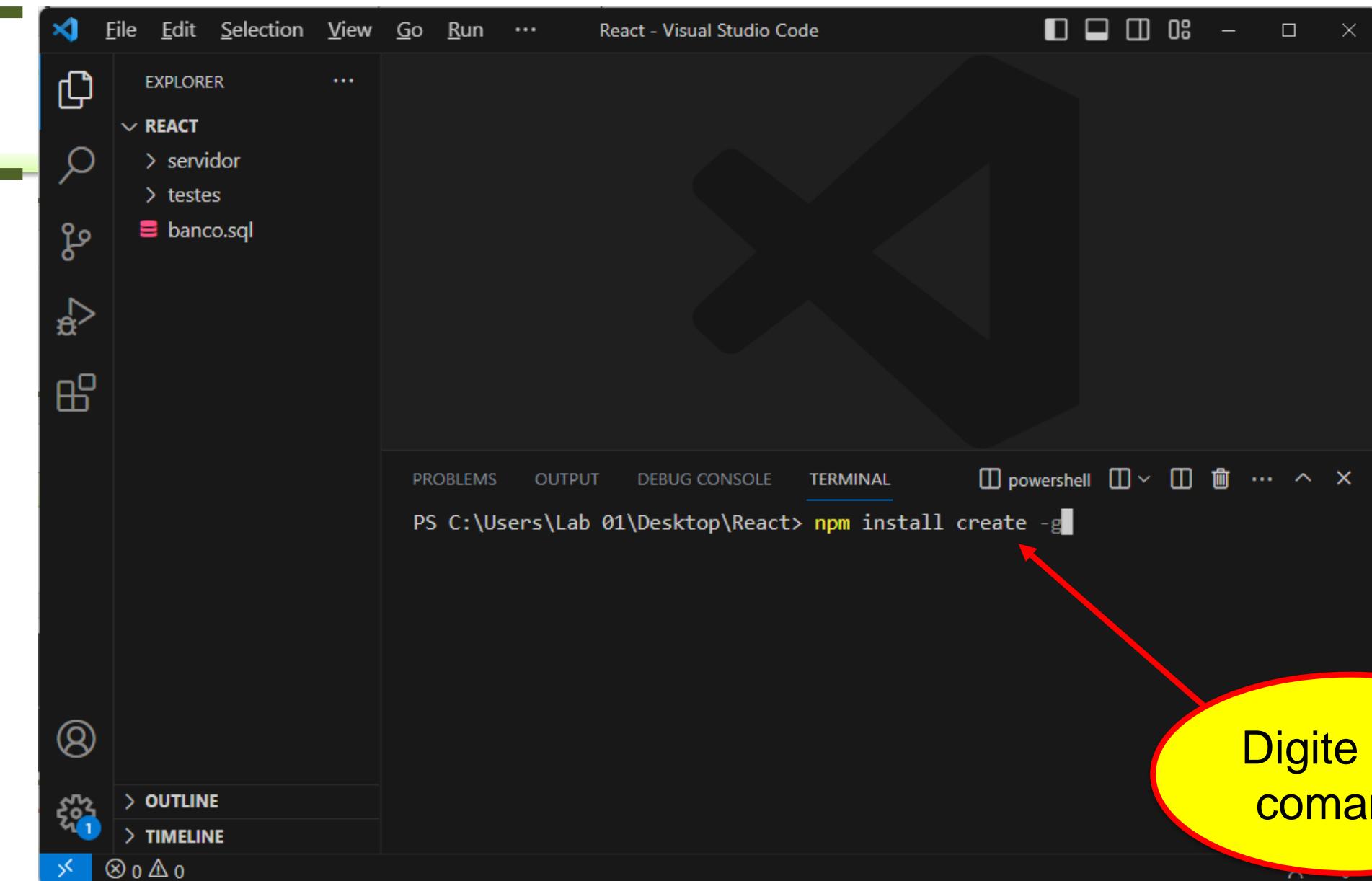
# Criando o Projeto no React

**Guilherme Henrique de Souza**

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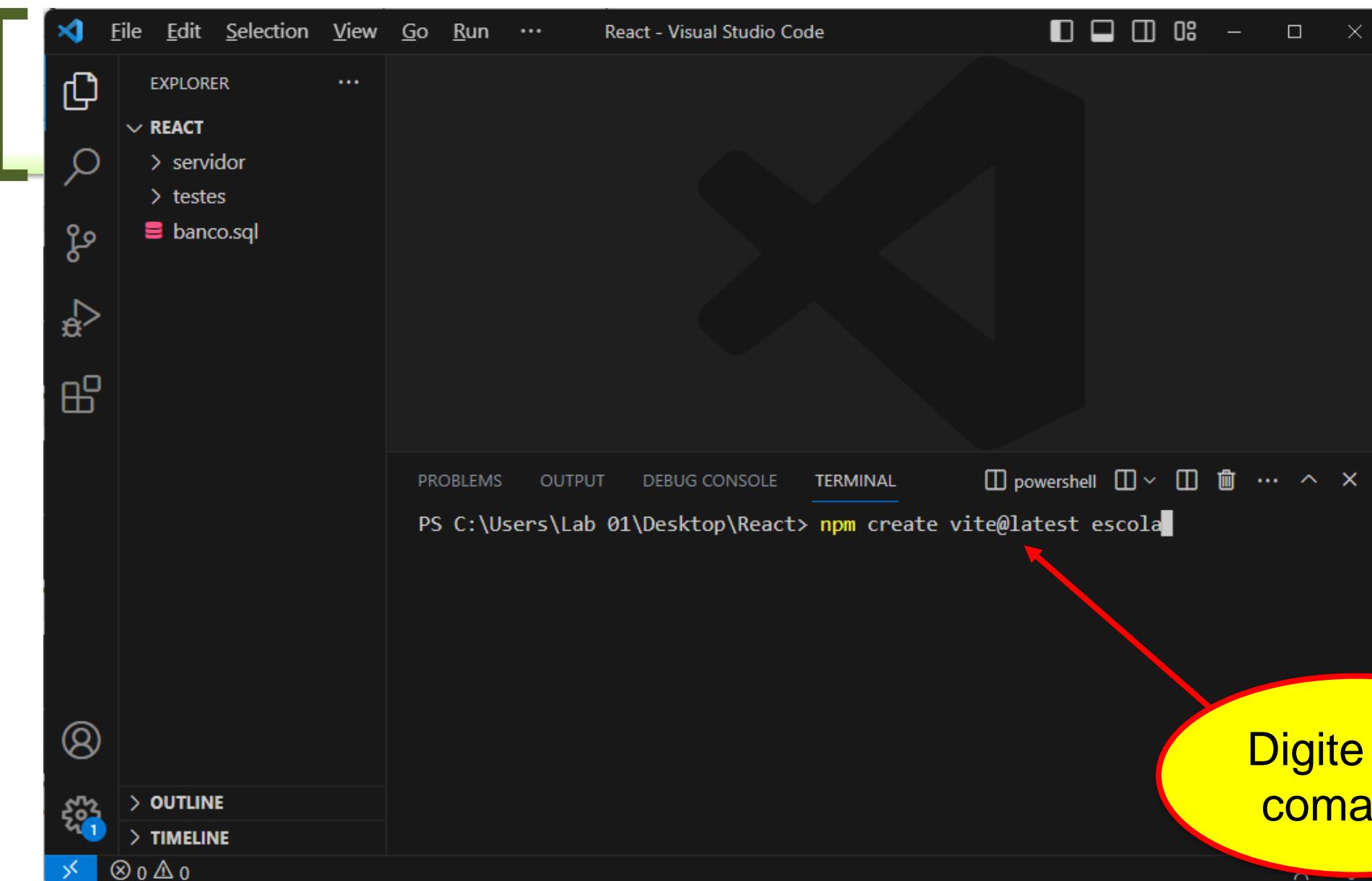


Digite este  
comando

The screenshot shows the Visual Studio Code interface with the title "React - Visual Studio Code". The left sidebar displays a file tree with a "REACT" folder containing "servidor", "testes", and "banco.sql". The terminal tab is active, showing the command "npm install create -g" being run in the directory "C:\Users\Lab 01\Desktop\React". The output of the command is highlighted with an orange box:

```
PS C:\Users\Lab 01\Desktop\React> npm install create -g
added 2 packages in 405ms
1 package is looking for funding
  run `npm fund` for details
npm notice
npm notice New major version of npm available! 9.5.0 -> 11.4.1
npm notice Changelog: https://github.com/npm/cli/releases/tag/v11.4.1
npm notice Run npm install -g npm@11.4.1 to update!
npm notice
PS C:\Users\Lab 01\Desktop\React>
```

A large orange arrow points from the word "Resultado" on the left towards the terminal window.

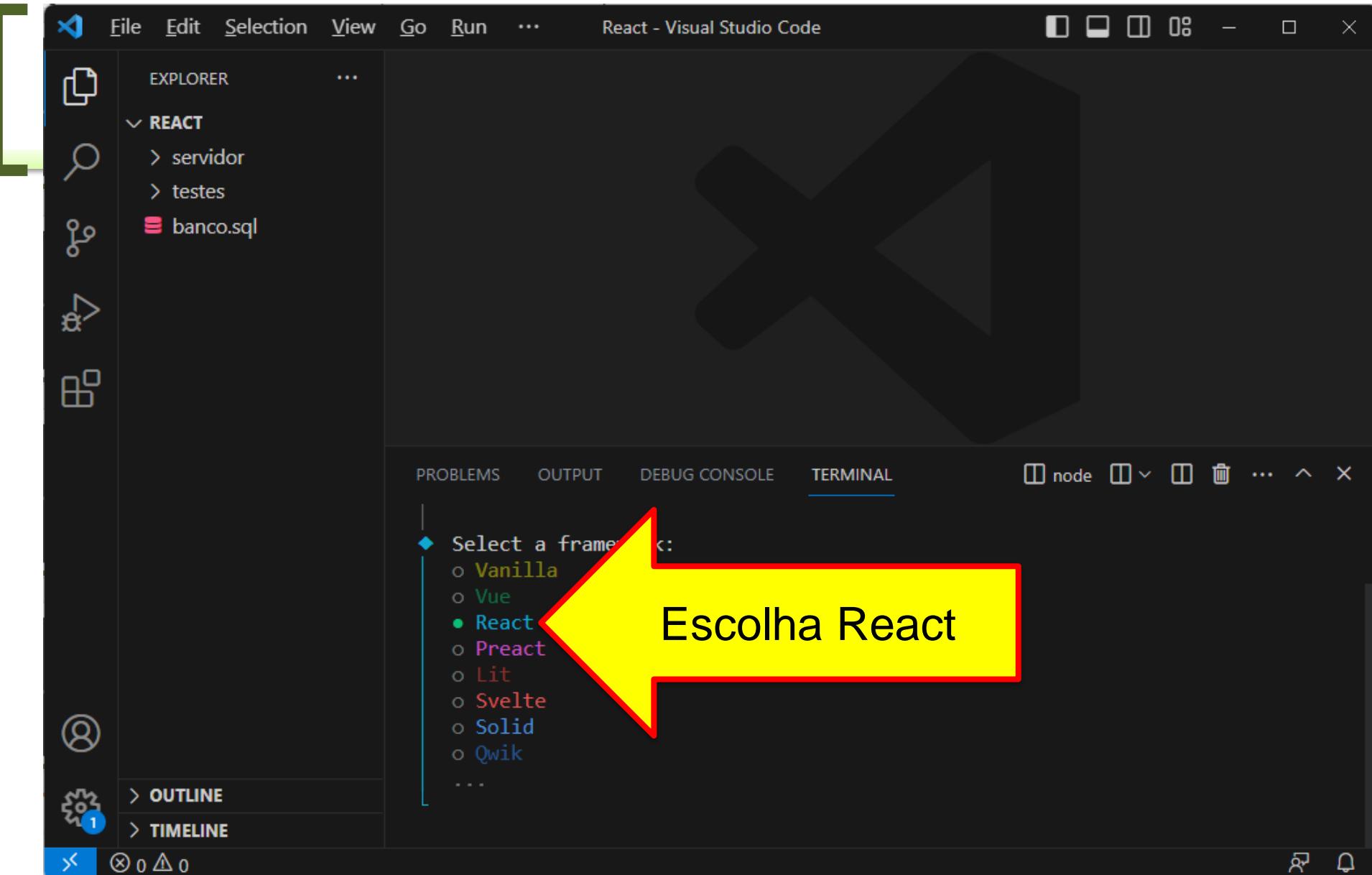


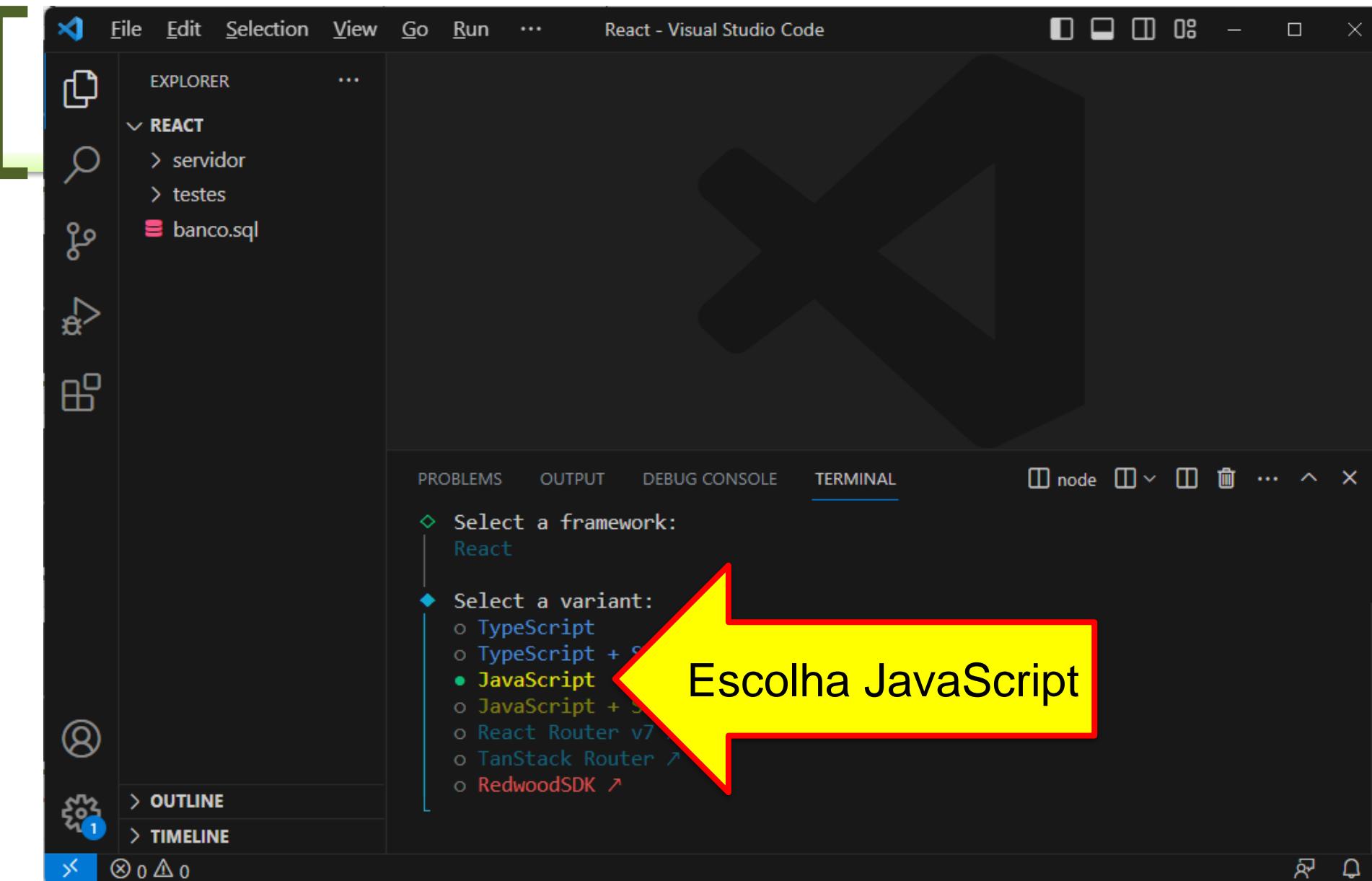
Digite este  
comando

A screenshot of the Visual Studio Code interface. The title bar reads "React - Visual Studio Code". The left sidebar shows a file tree with a "REACT" folder containing "servidor", "testes", and "banco.sql". The main area is a terminal window with the following text:

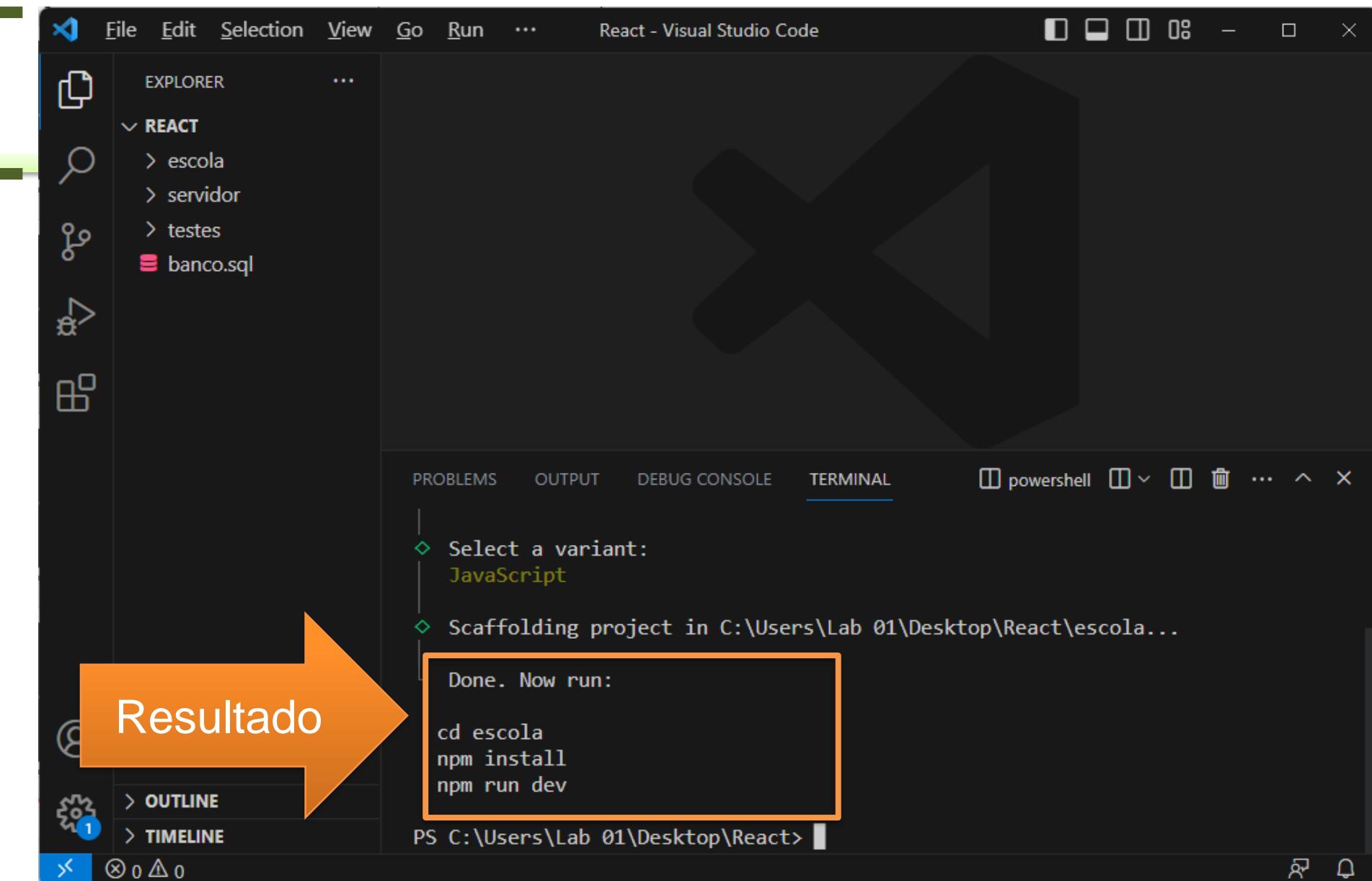
```
PS C:\Users\Lab 01\Desktop\React> npm create vite@latest escola
Need to install the following packages:
  create-vite@6.5.0
Ok to proceed? (y) █
```

A red arrow points from a yellow oval containing the text "Digite y" to the "(y)" prompt in the terminal.





## Escolha JavaScript

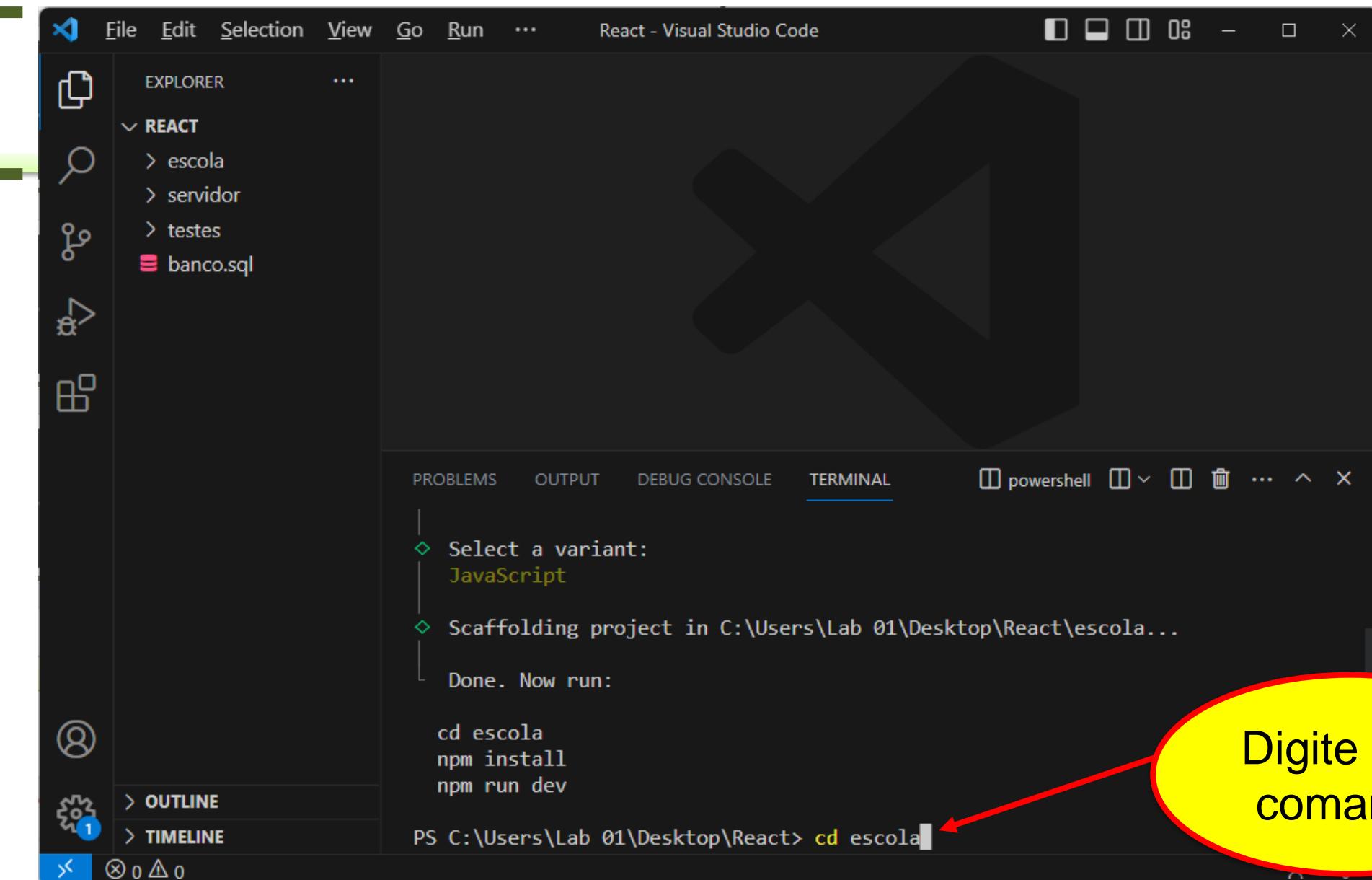


# Acessando o Diretório Escola

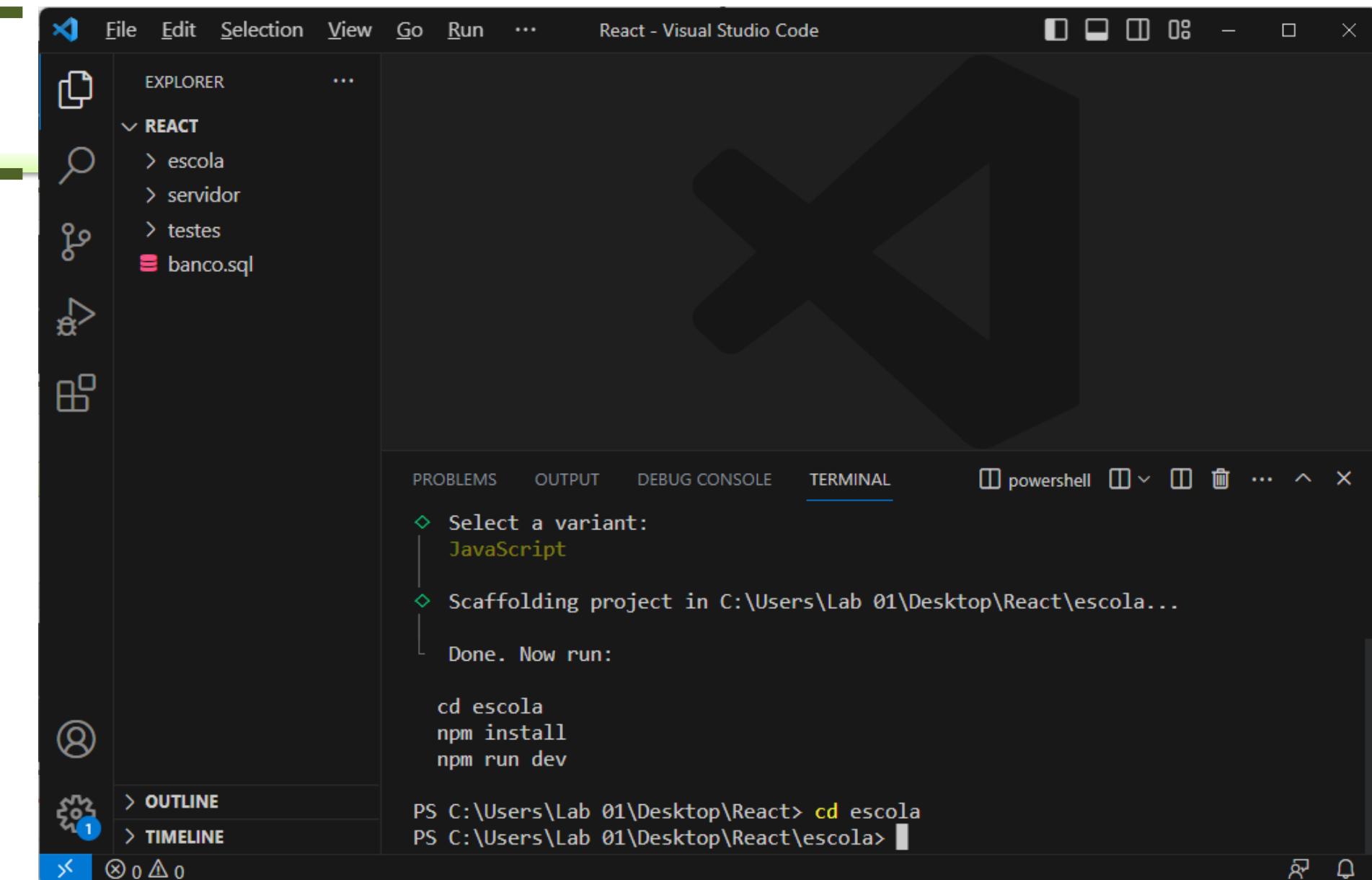
**Guilherme Henrique de Souza**

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[guilherme.souza183@fatec.sp.gov.br](mailto:guilherme.souza183@fatec.sp.gov.br)



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comando



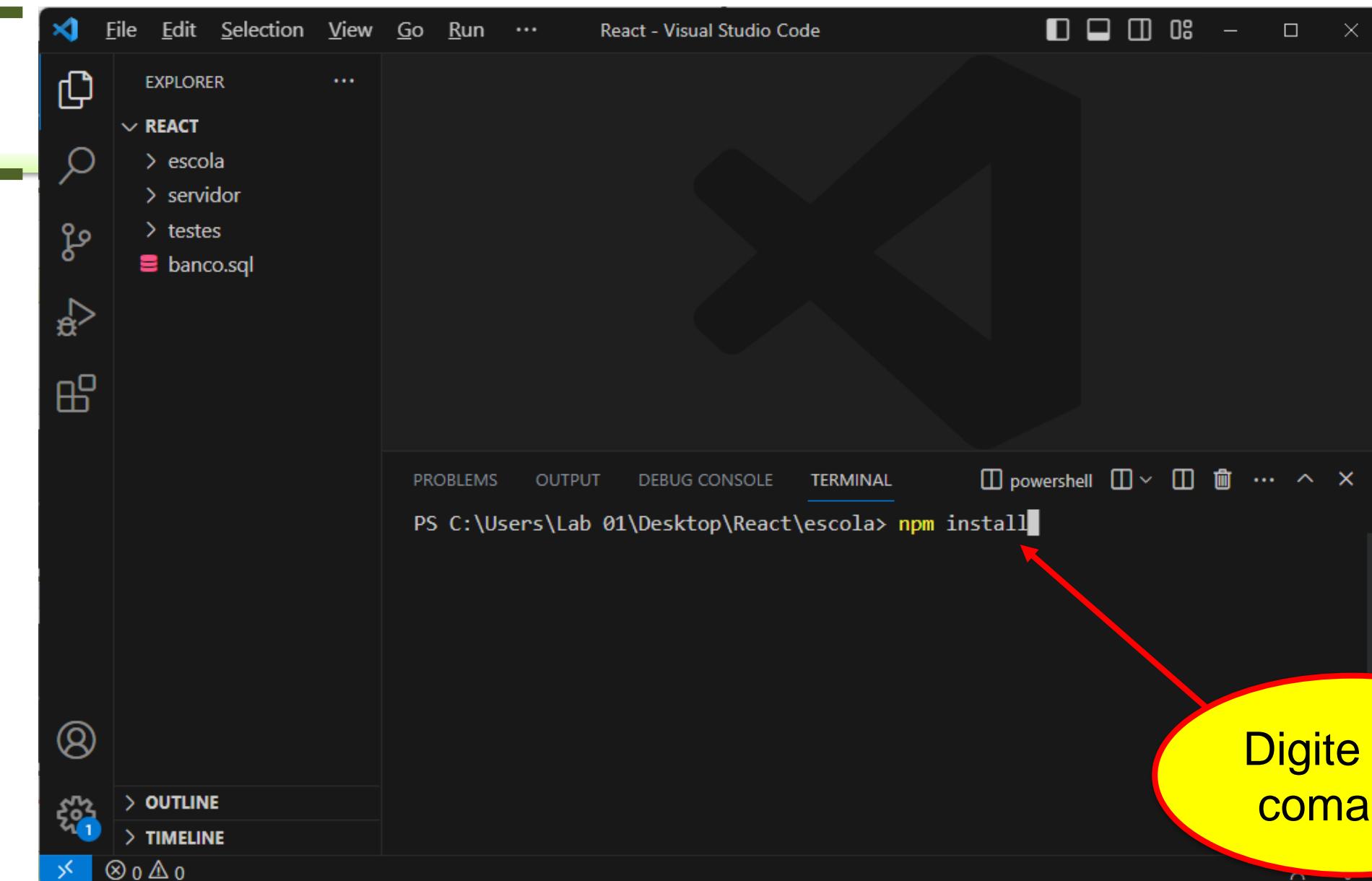


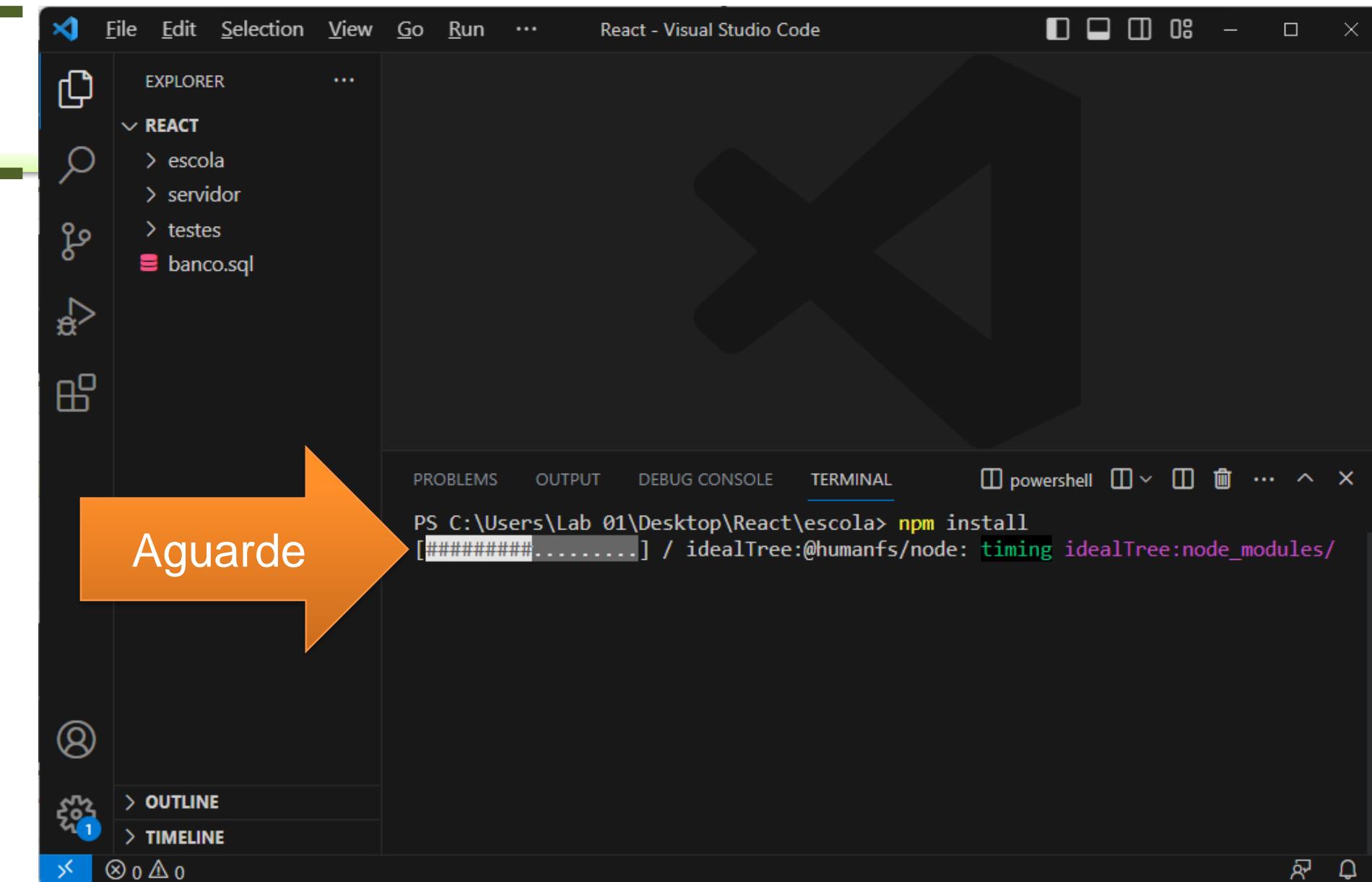
**npm install**

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The screenshot shows a Visual Studio Code interface with the title "React - Visual Studio Code". The left sidebar has sections for "EXPLORER", "REACT" (with items "escola", "servidor", "testes", and "banco.sql"), and "OUTLINE" (with a gear icon and "1" notification). The main area is a terminal window titled "TERMINAL". It displays the following output:

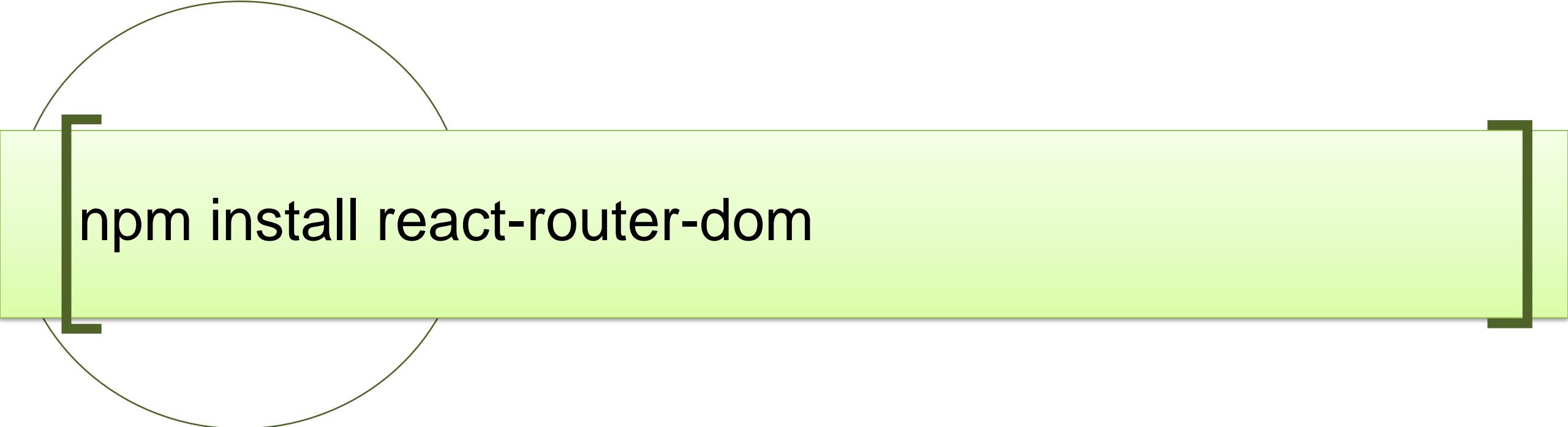
```
npm WARN EBADENGINE Unsupported engine {
npm WARN EBADENGINE   package: '@humanwhocodes/retry@0.3.1',
npm WARN EBADENGINE   required: { node: '>=18.18' },
npm WARN EBADENGINE   current: { node: 'v18.14.2', npm: '9.5.0' }
npm WARN EBADENGINE }
```

added 153 packages, and audited 154 packages in 9s  
33 packages are looking for funding  
 run `npm fund` for details

found 0 vulnerabilities

PS C:\Users\Lab 01\Desktop\React\escola>

A large orange arrow points from the bottom-left towards the terminal window, with the word "Resultado" written on it.

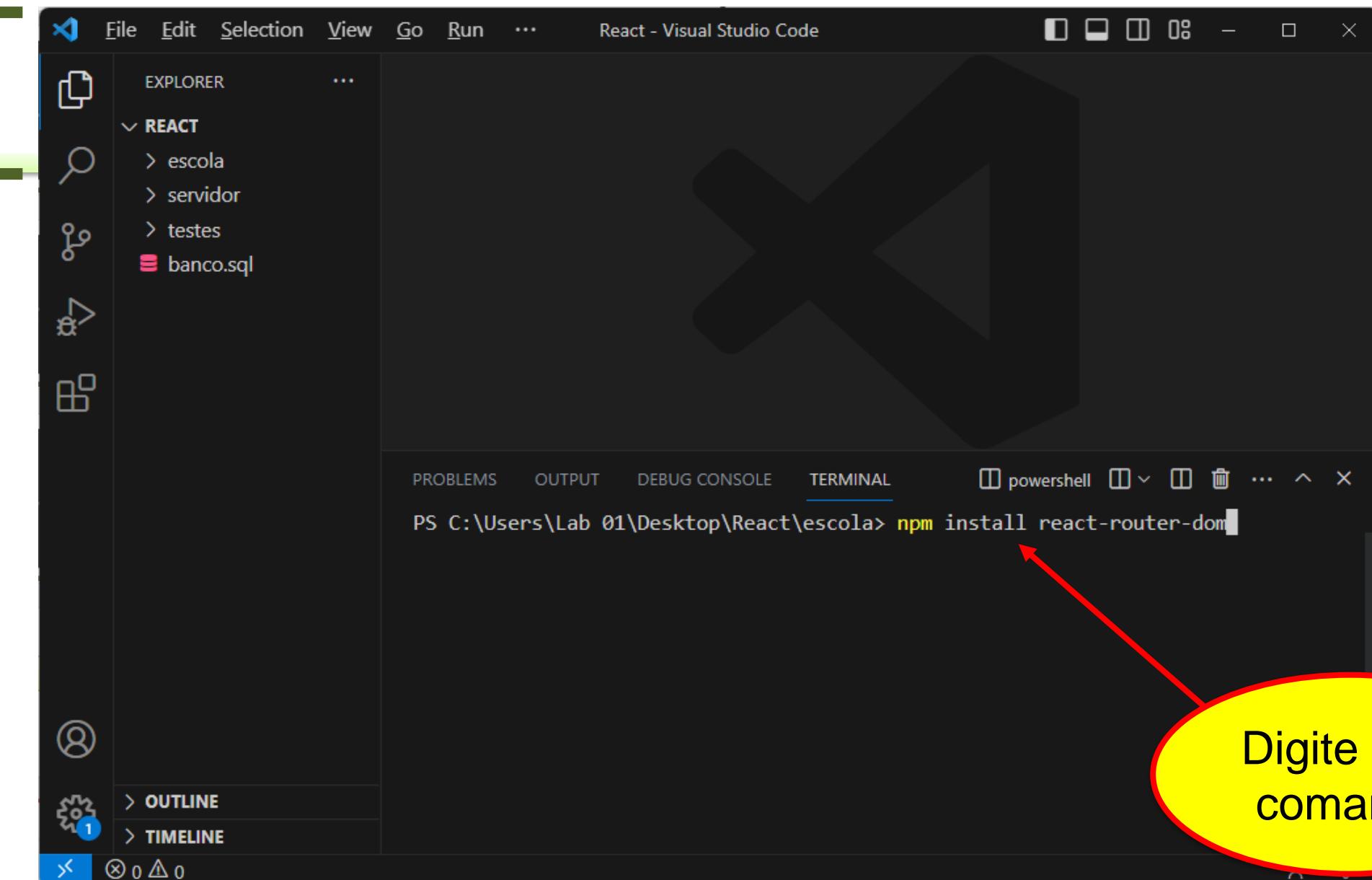


```
npm install react-router-dom
```

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Digite este  
comando

The screenshot shows a Visual Studio Code interface with the title "React - Visual Studio Code". The left sidebar has sections for "EXPLORER", "REACT" (with items "escola", "servidor", "testes", and "banco.sql"), "PROBLEMS", "OUTPUT", "DEBUG CONSOLE", and "TERMINAL". The "TERMINAL" tab is active, displaying the following output:

```
npm WARN EBADENGINE Unsupported engine {
npm WARN EBADENGINE   package: 'react-router@7.6.1',
npm WARN EBADENGINE   required: { node: '>=20.0.0' },
npm WARN EBADENGINE   current: { node: 'v18.14.2', npm: '9.5.0' }
npm WARN EBADENGINE }
```

added 4 packages, and audited 158 packages in 2s  
33 packages are looking for funding  
 run `npm fund` for details

found 0 vulnerabilities

PS C:\Users\Lab 01\Desktop\React\escola>

A large orange arrow points from the text "Resultado" to the terminal output.

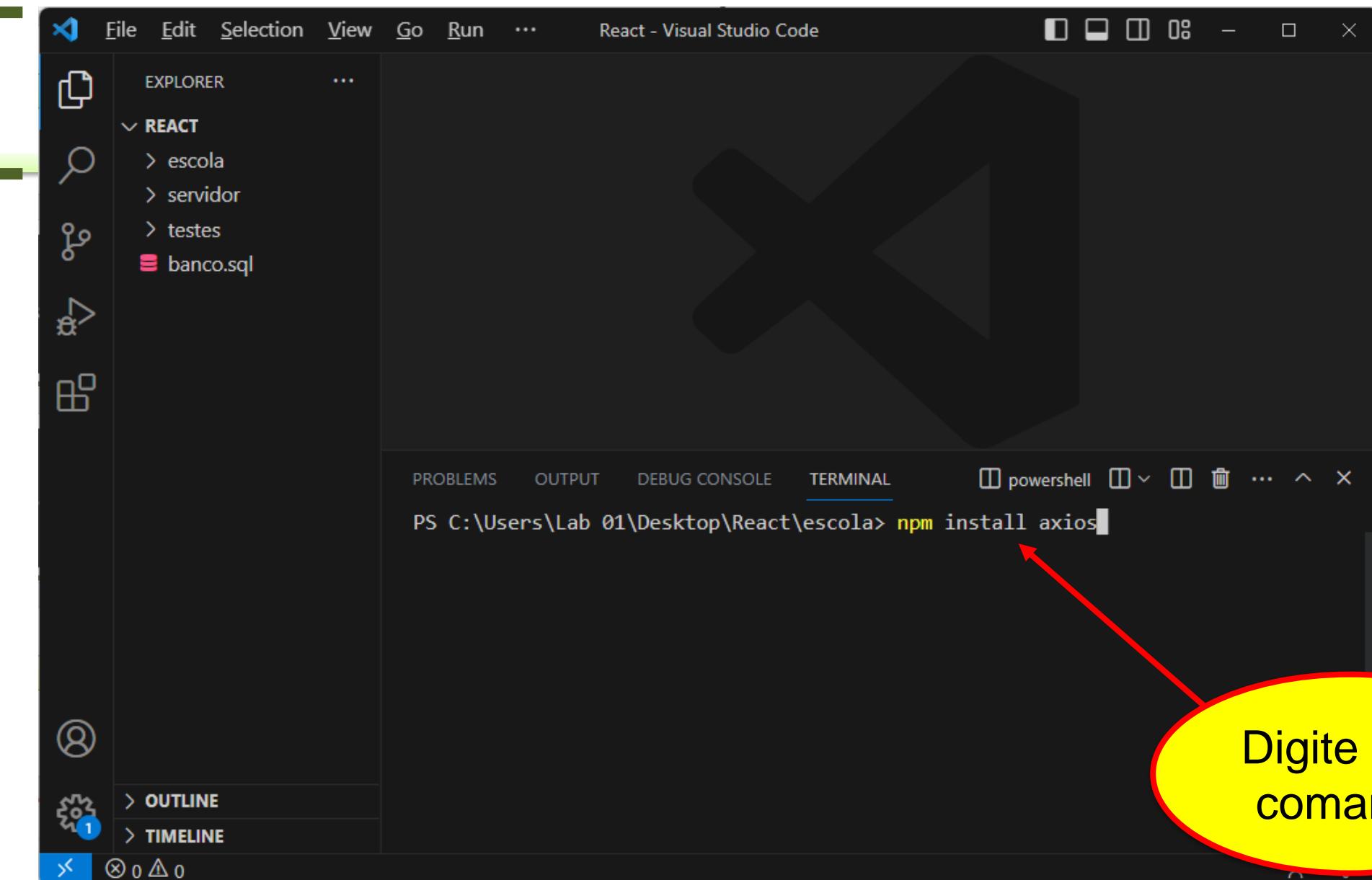


**npm install axios**

**Guilherme Henrique de Souza**

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comando

The screenshot shows the Visual Studio Code interface with the title "React - Visual Studio Code". The left sidebar displays a file tree with a "REACT" folder containing "escola", "servidor", "testes", and "banco.sql". The main area is the terminal window, which has tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, and TERMINAL (which is selected). The terminal output is as follows:

```
npm WARN EBADENGINE Unsupported engine {
npm WARN EBADENGINE   package: 'react-router-dom@7.6.1',
npm WARN EBADENGINE   required: { node: '>=20.0.0' },
npm WARN EBADENGINE   current: { node: 'v18.14.2', npm: '9.5.0' }
npm WARN EBADENGINE }
```

added 23 packages, and audited 181 packages in 2s  
39 packages are looking for funding  
 run `npm fund` for details

found 0 vulnerabilities

PS C:\Users\Lab 01\Desktop\React\escola>

A large orange arrow points from the word "Resultado" in the bottom-left corner towards the terminal output.

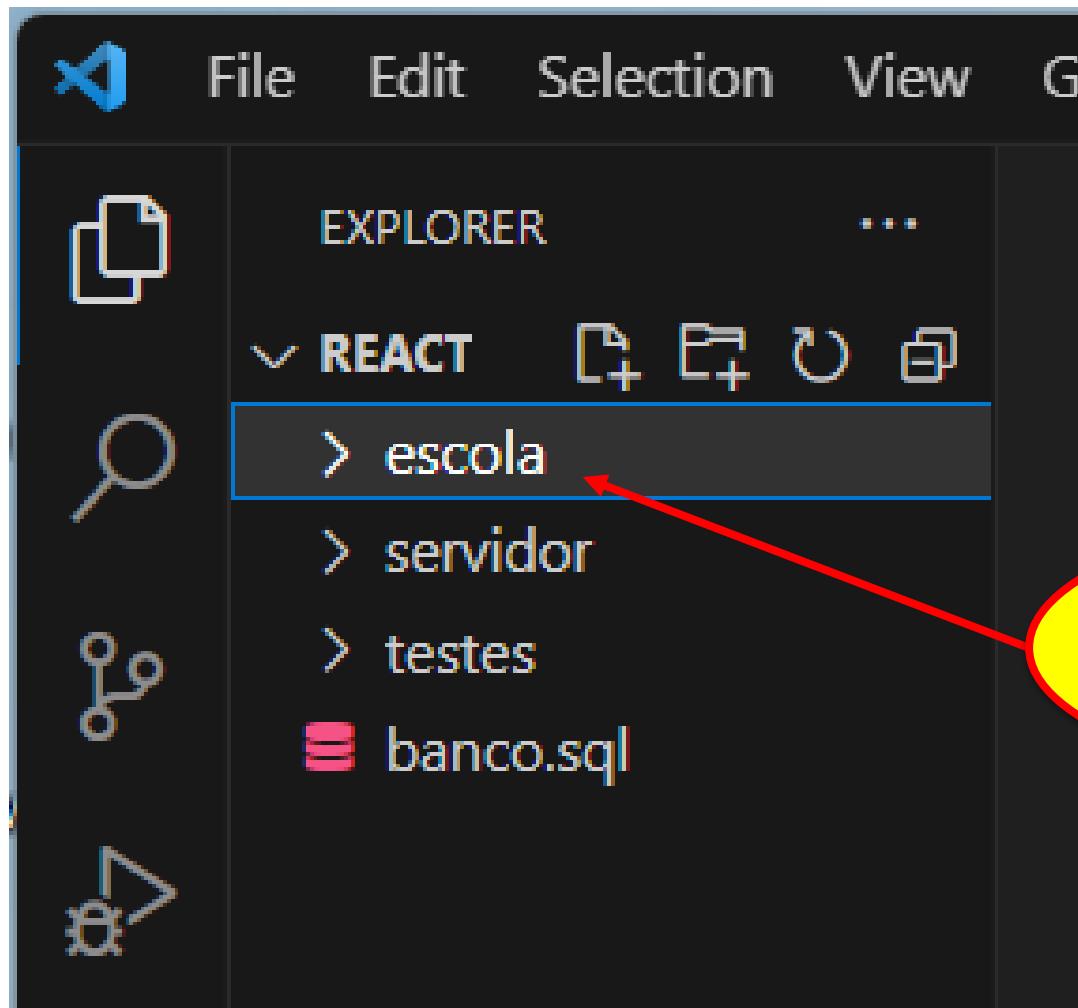
# Conferindo as Instalações no package.json

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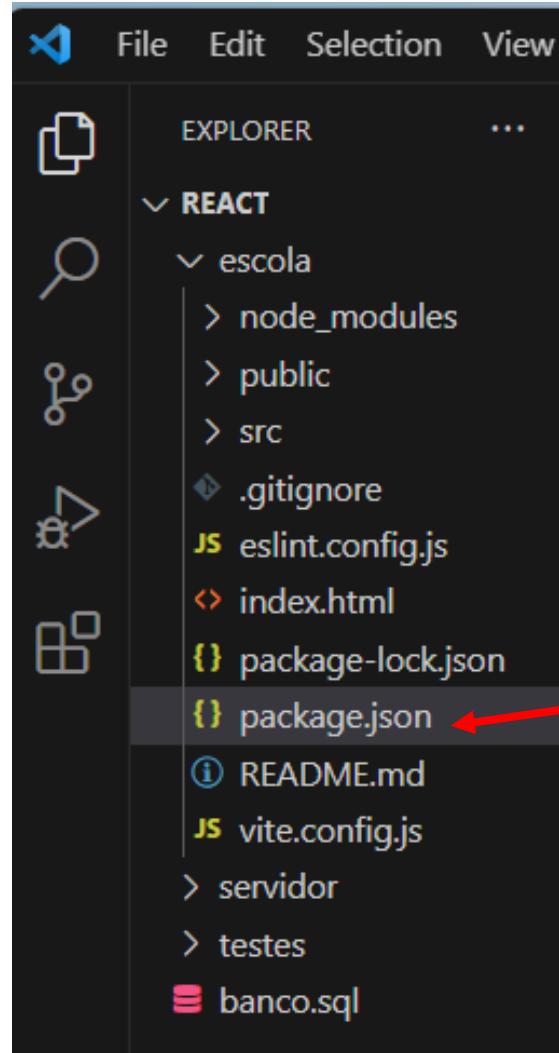
guilherme.souza183@fatec.sp.gov.br

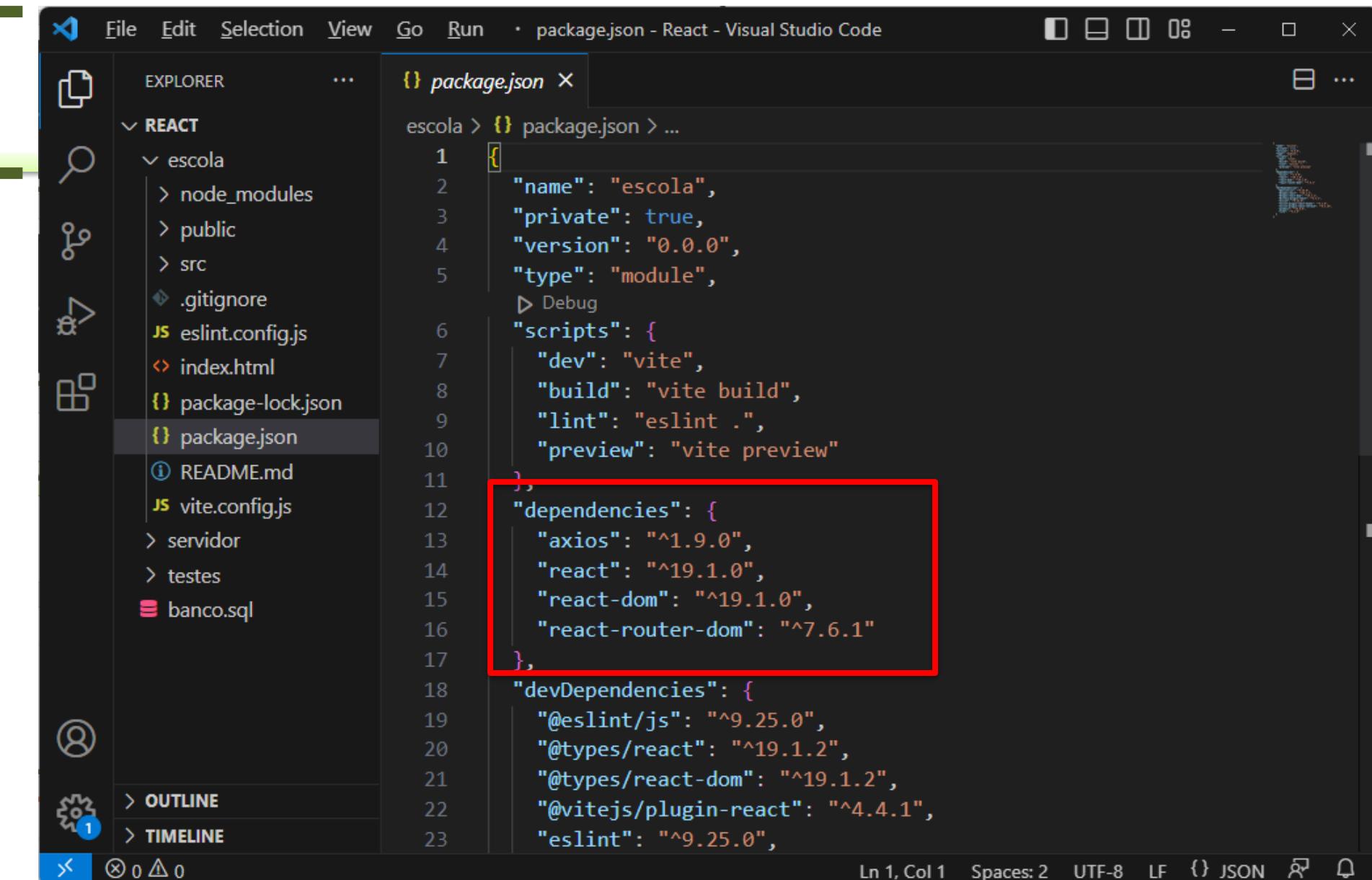
# Conferindo as Instalações no package.json



Projeto, clique para visualiza-lo

# Conferindo as Instalações no package.json





The screenshot shows the Visual Studio Code interface with the following details:

- File Menu:** File, Edit, Selection, View, Go, Run.
- Title Bar:** package.json - React - Visual Studio Code.
- Explorer Bar (Left):** Shows the project structure:
  - REACT folder:
    - escola
    - node\_modules
    - public
    - src
    - .gitignore
    - eslint.config.js
    - index.html
    - package-lock.json
    - package.json** (selected)
    - README.md
    - vite.config.js
    - servidor
    - testes
    - banco.sql
- Code Editor (Center):** Displays the contents of the package.json file.

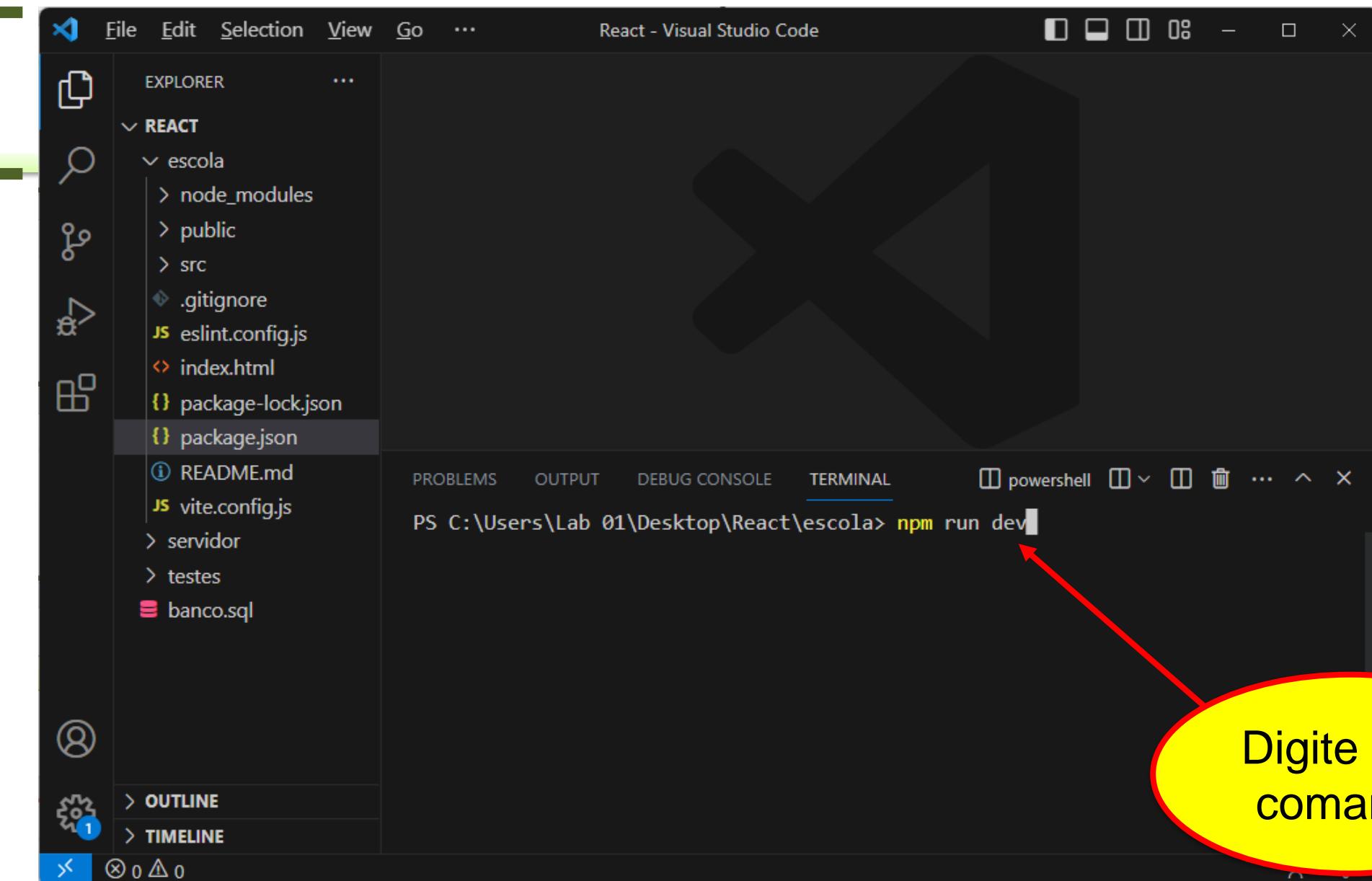
```
1  {
2    "name": "escola",
3    "private": true,
4    "version": "0.0.0",
5    "type": "module",
6    "scripts": {
7      "dev": "vite",
8      "build": "vite build",
9      "lint": "eslint .",
10     "preview": "vite preview"
11   },
12   "dependencies": {
13     "axios": "^1.9.0",
14     "react": "^19.1.0",
15     "react-dom": "^19.1.0",
16     "react-router-dom": "^7.6.1"
17   },
18   "devDependencies": {
19     "@eslint/js": "^9.25.0",
20     "@types/react": "^19.1.2",
21     "@types/react-dom": "^19.1.2",
22     "@vitejs/plugin-react": "^4.4.1",
23     "eslint": "^9.25.0",
24   }
25 }
```
- Bottom Status Bar:** Ln 1, Col 1, Spaces: 2, UTF-8, LF, JSON, a few icons.
- Bottom Left Icons:** Save, Undo, Redo.
- Bottom Right Icons:** Find, Replace, Timeline, Outline.

# Executando o servidor

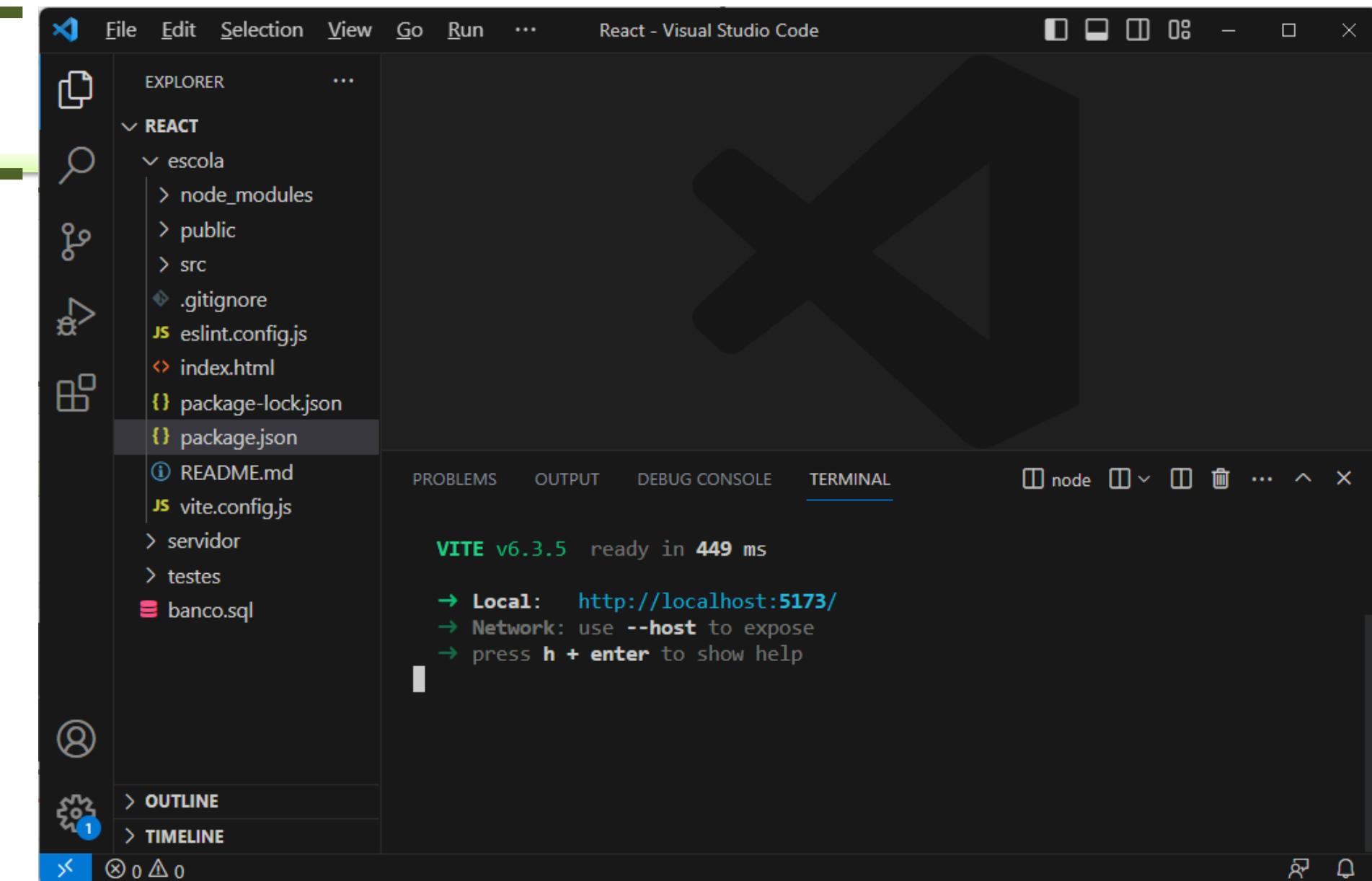
**Guilherme Henrique de Souza**

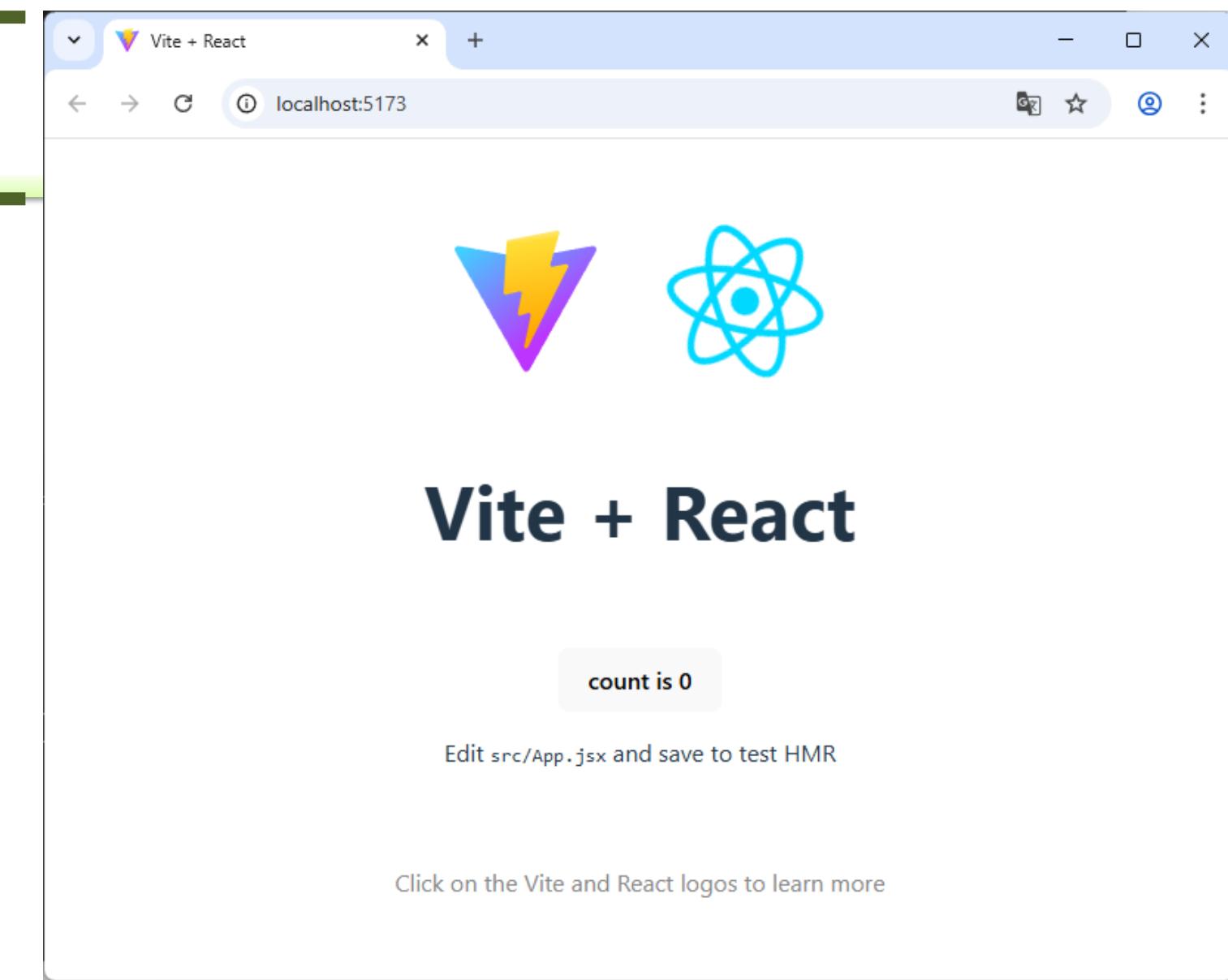
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comando





# Dúvidas

