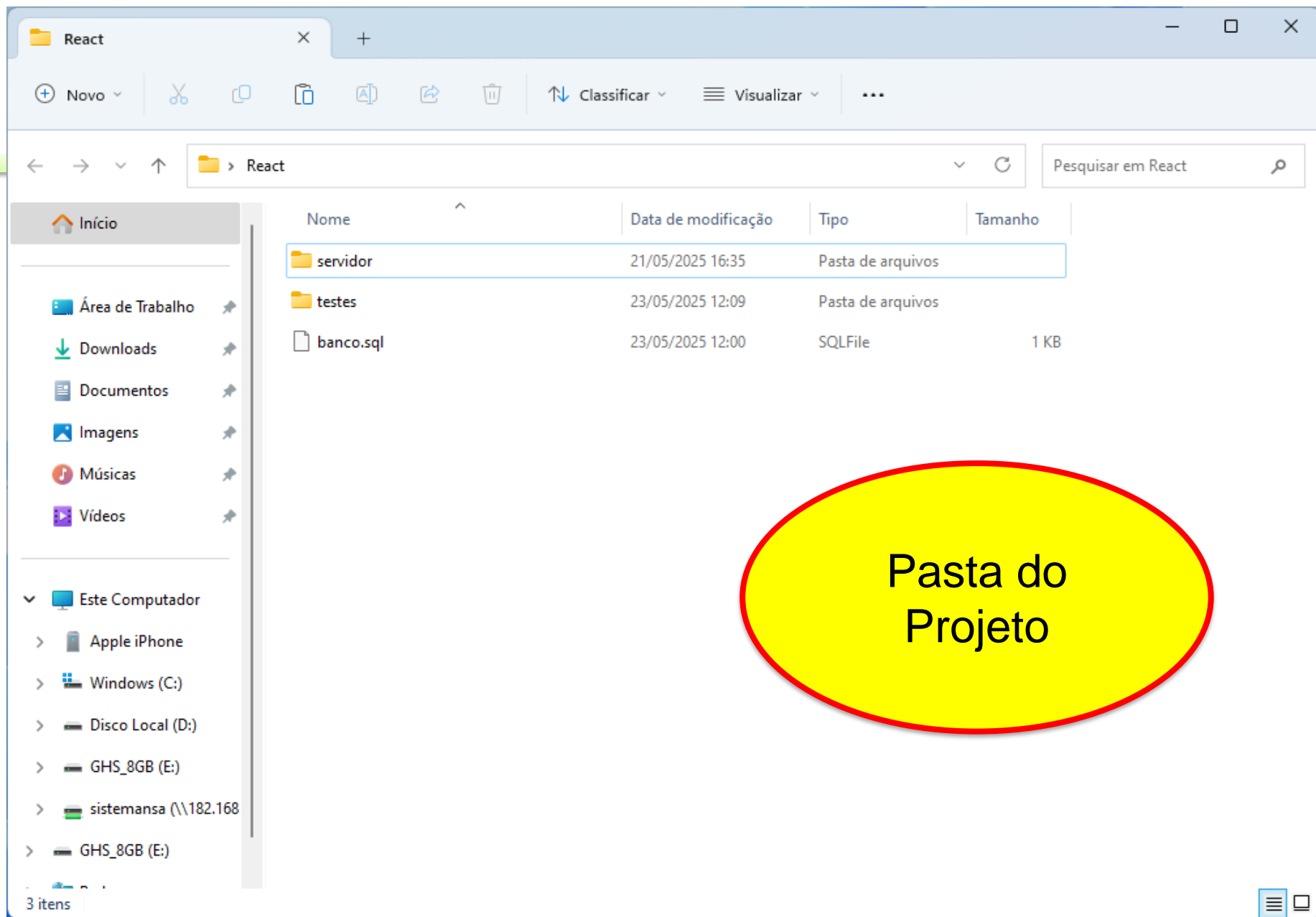
A decorative graphic consisting of a thin green circle and a thick green bracket-like shape that frames the title area.

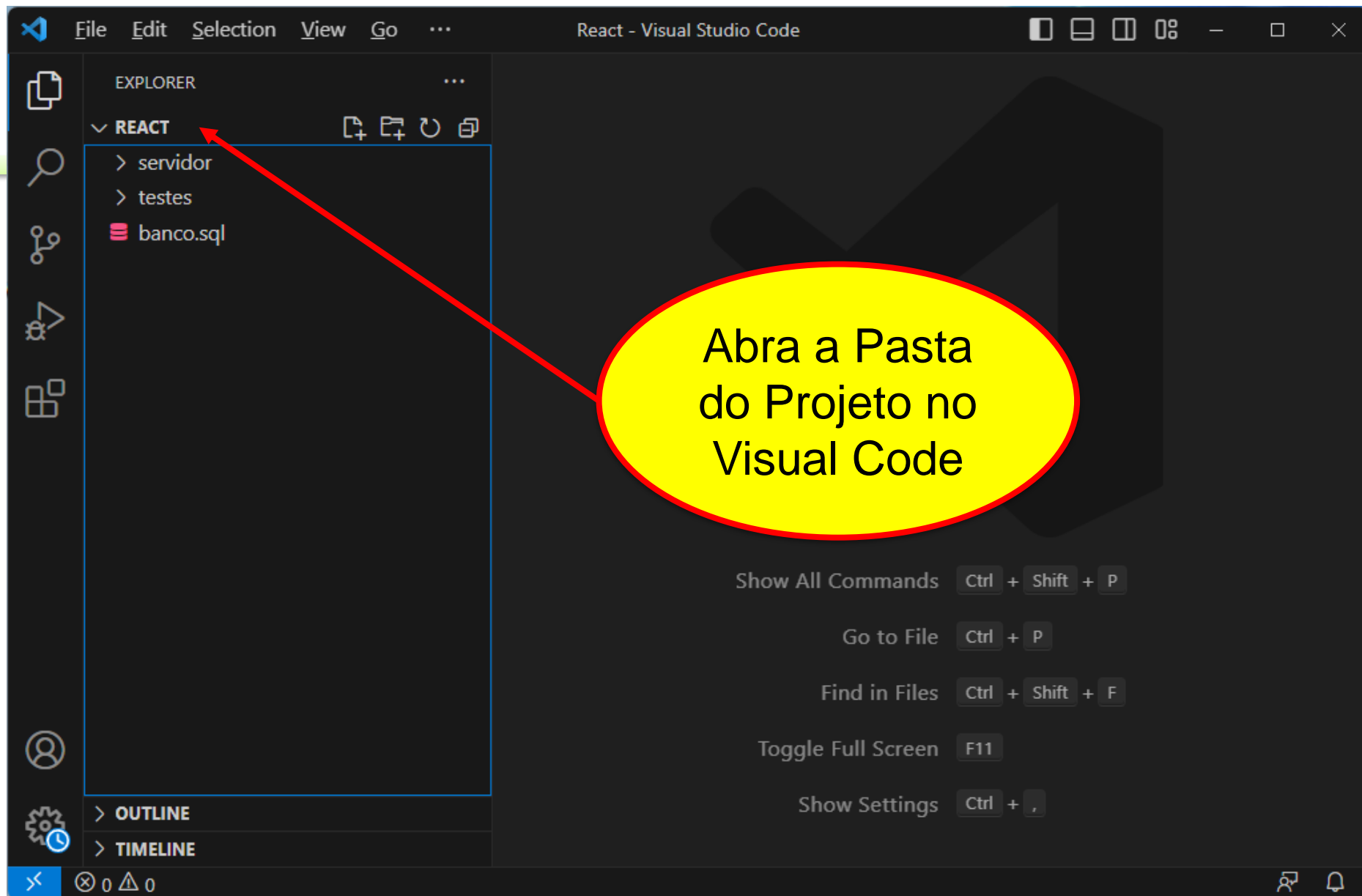
10-3 - Criação do Projeto no React

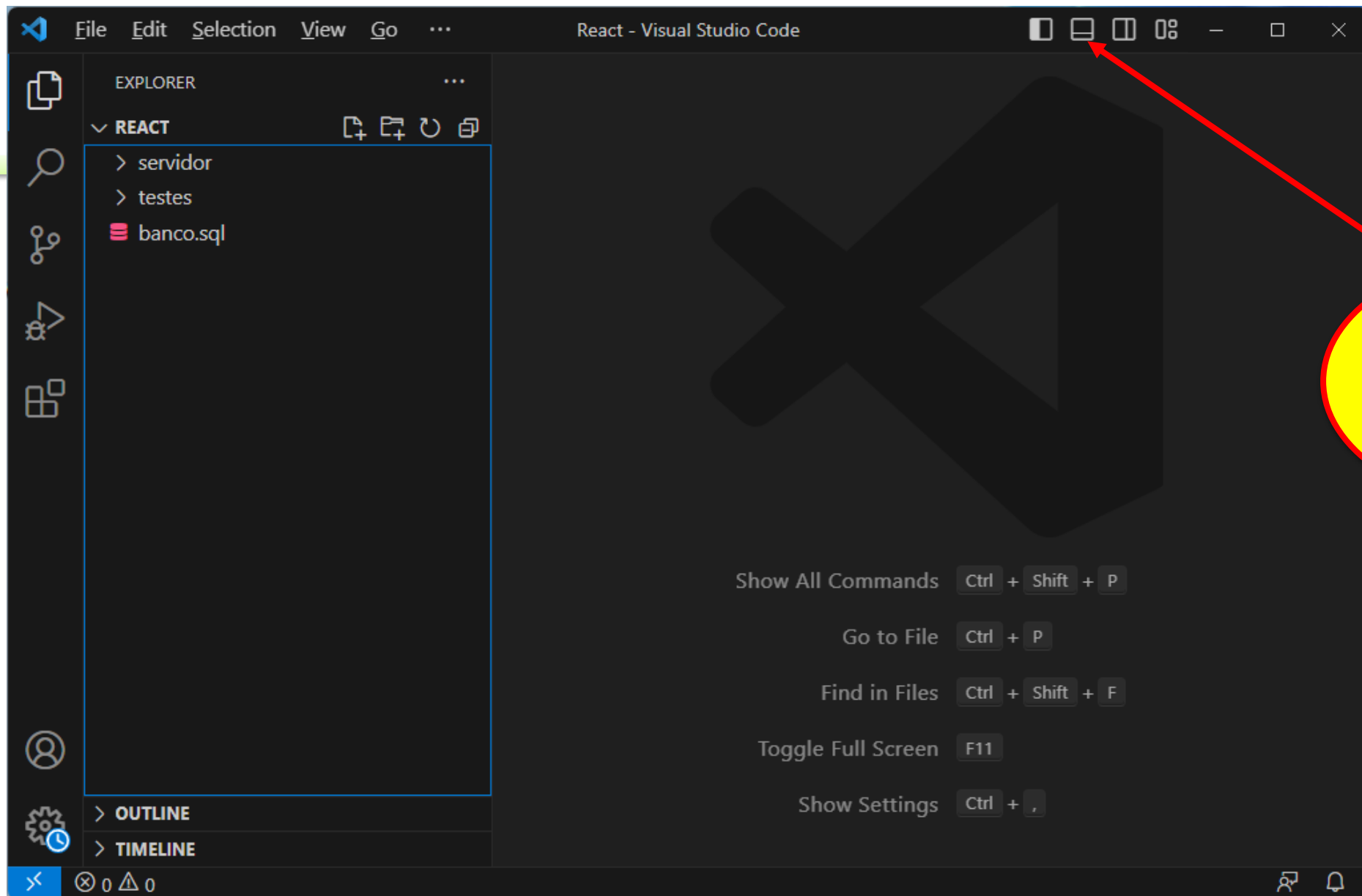
Guilherme Henrique de Souza

guilherme.souza@etec.sp.gov.br

guilherme.souza183@fatec.sp.gov.br







Abra o
terminal

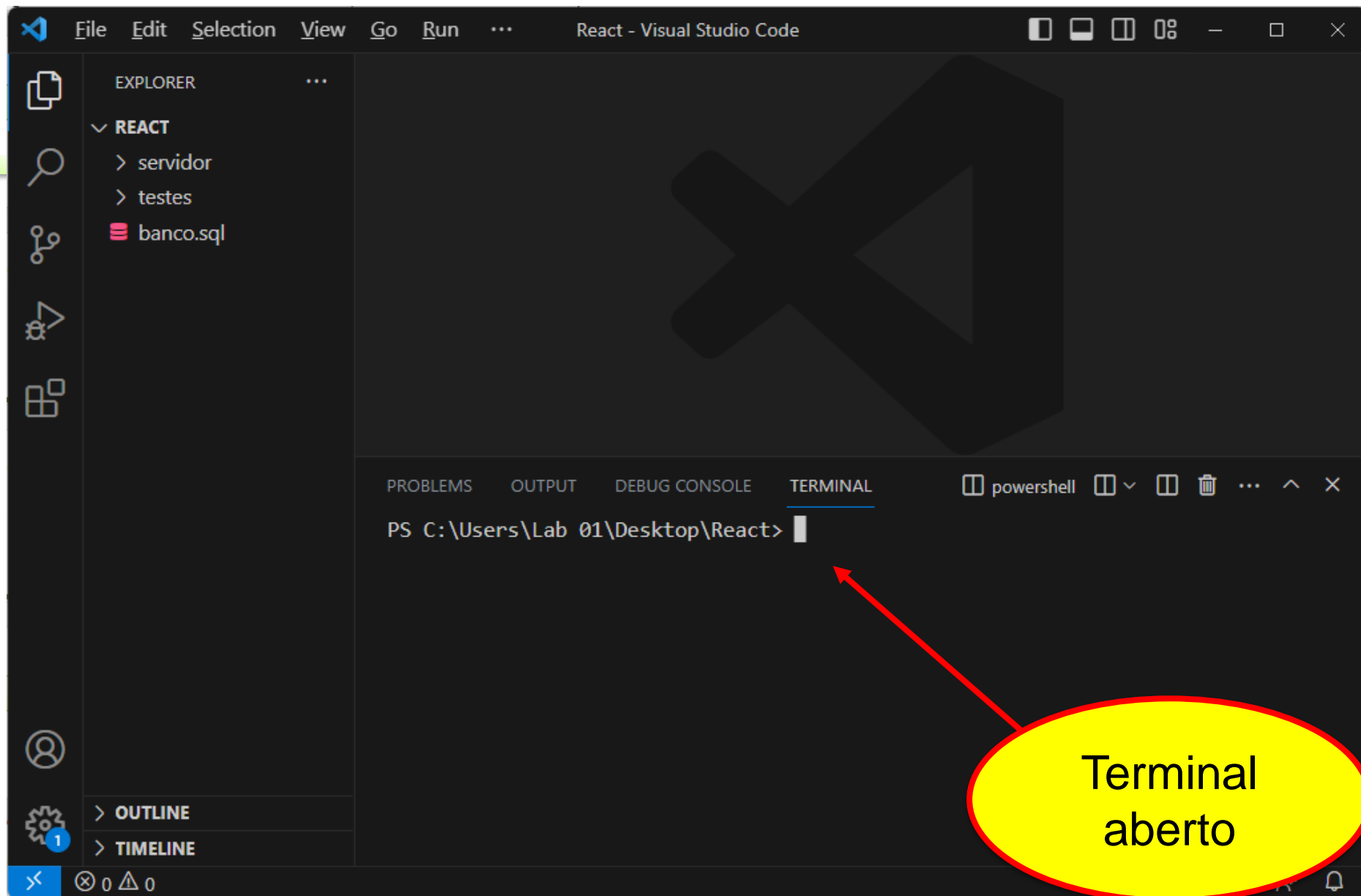


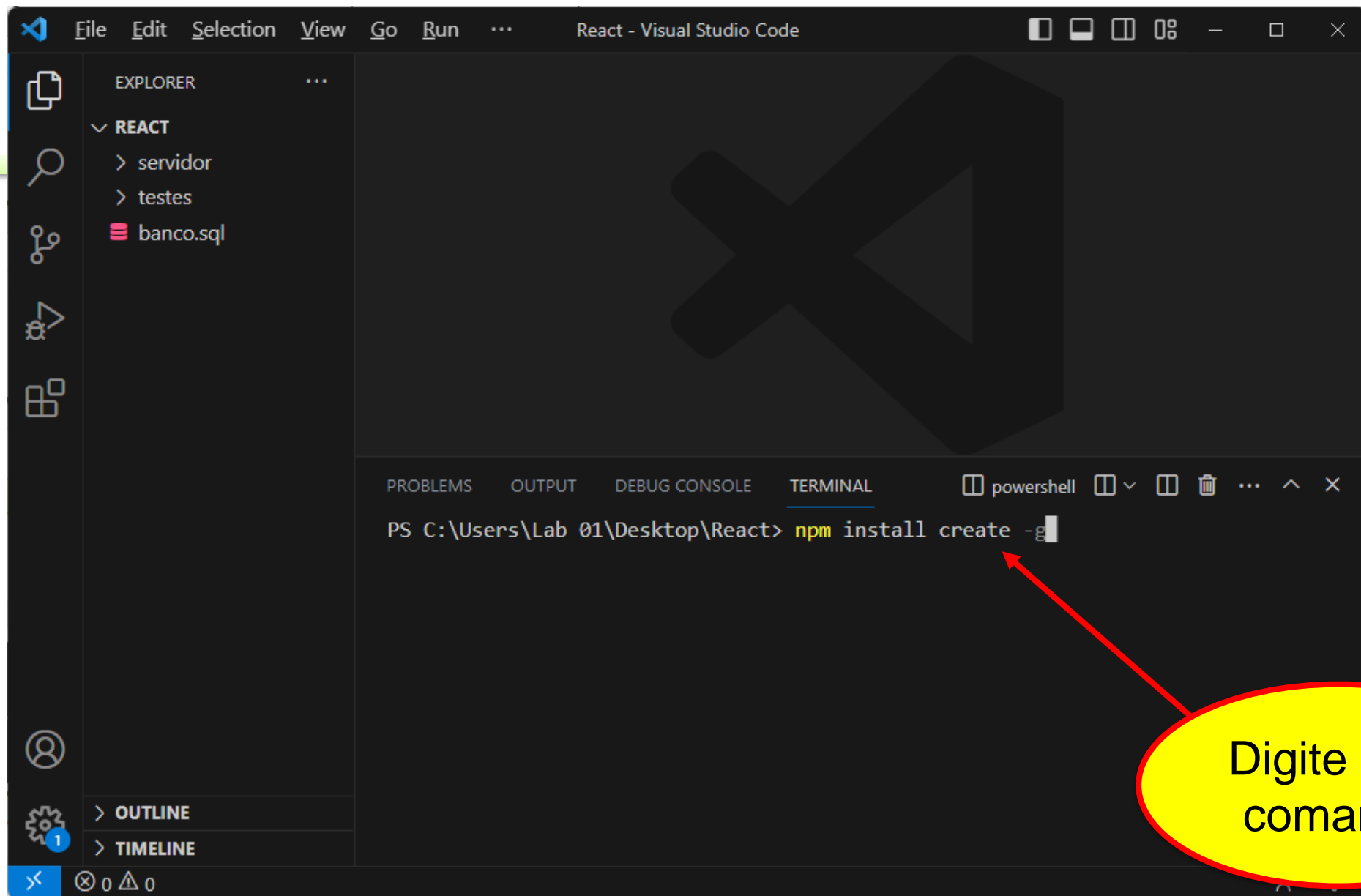
Criando o Projeto no React

Guilherme Henrique de Souza

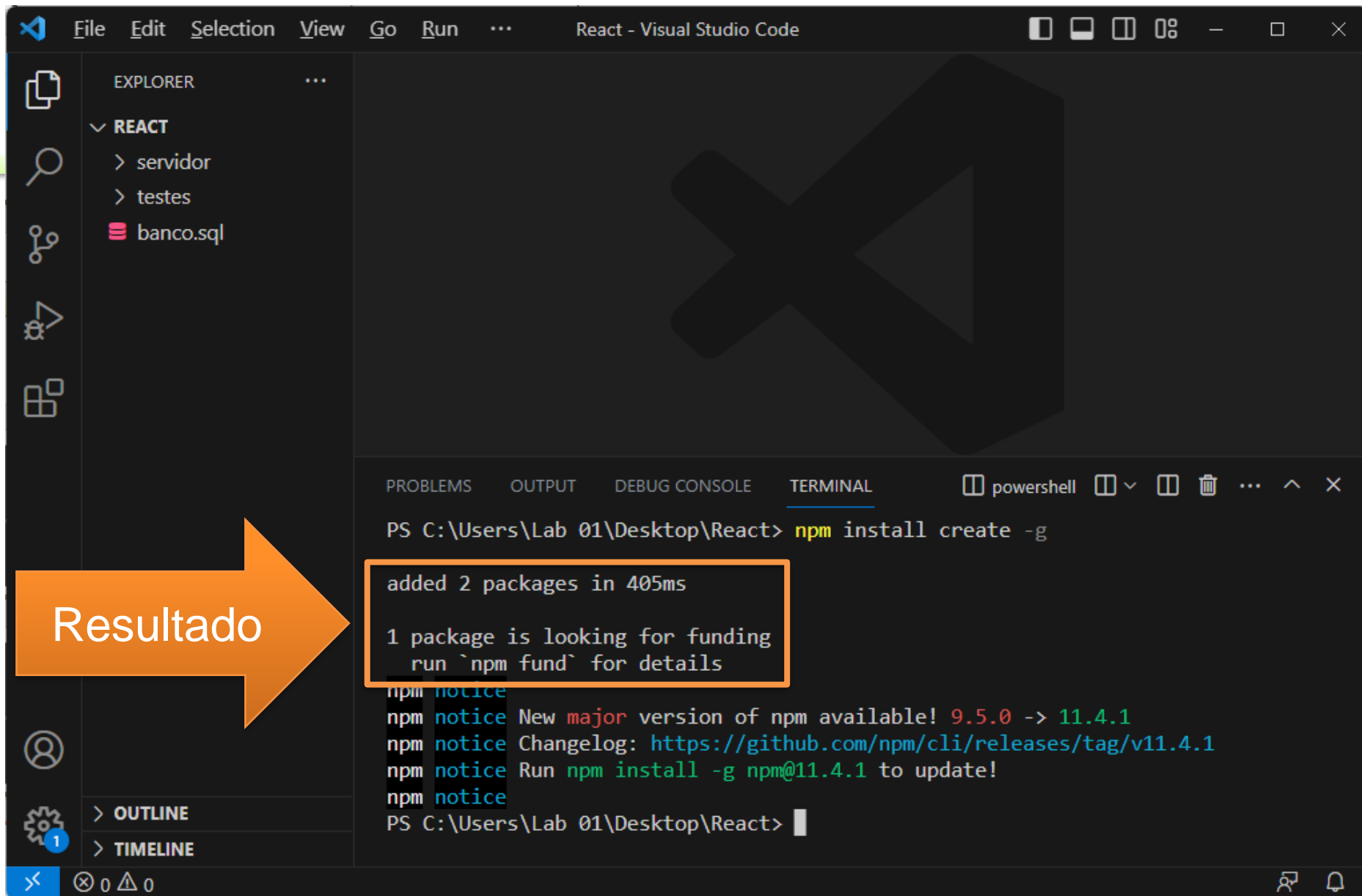
guilherme.souza@etec.sp.gov.br

guilherme.souza183@fatec.sp.gov.br





Digite este
comando



Visual Studio Code interface showing the Explorer sidebar with a project named 'REACT' containing files 'servidor', 'testes', and 'banco.sql'. The main editor area is empty. The TERMINAL panel at the bottom shows the command `npm install create -g` and its output:

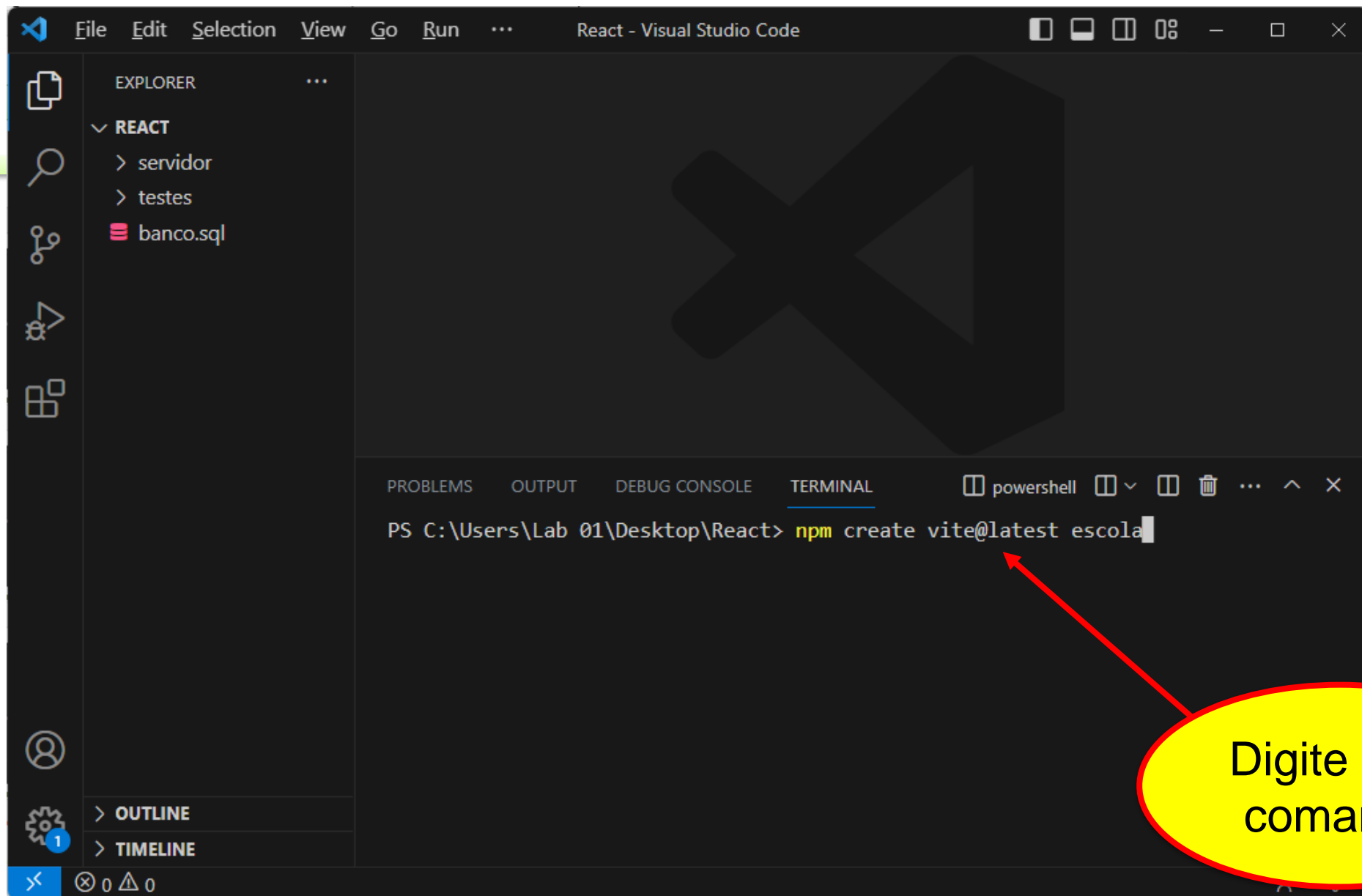
```
PS C:\Users\Lab 01\Desktop\React> npm install create -g

added 2 packages in 405ms

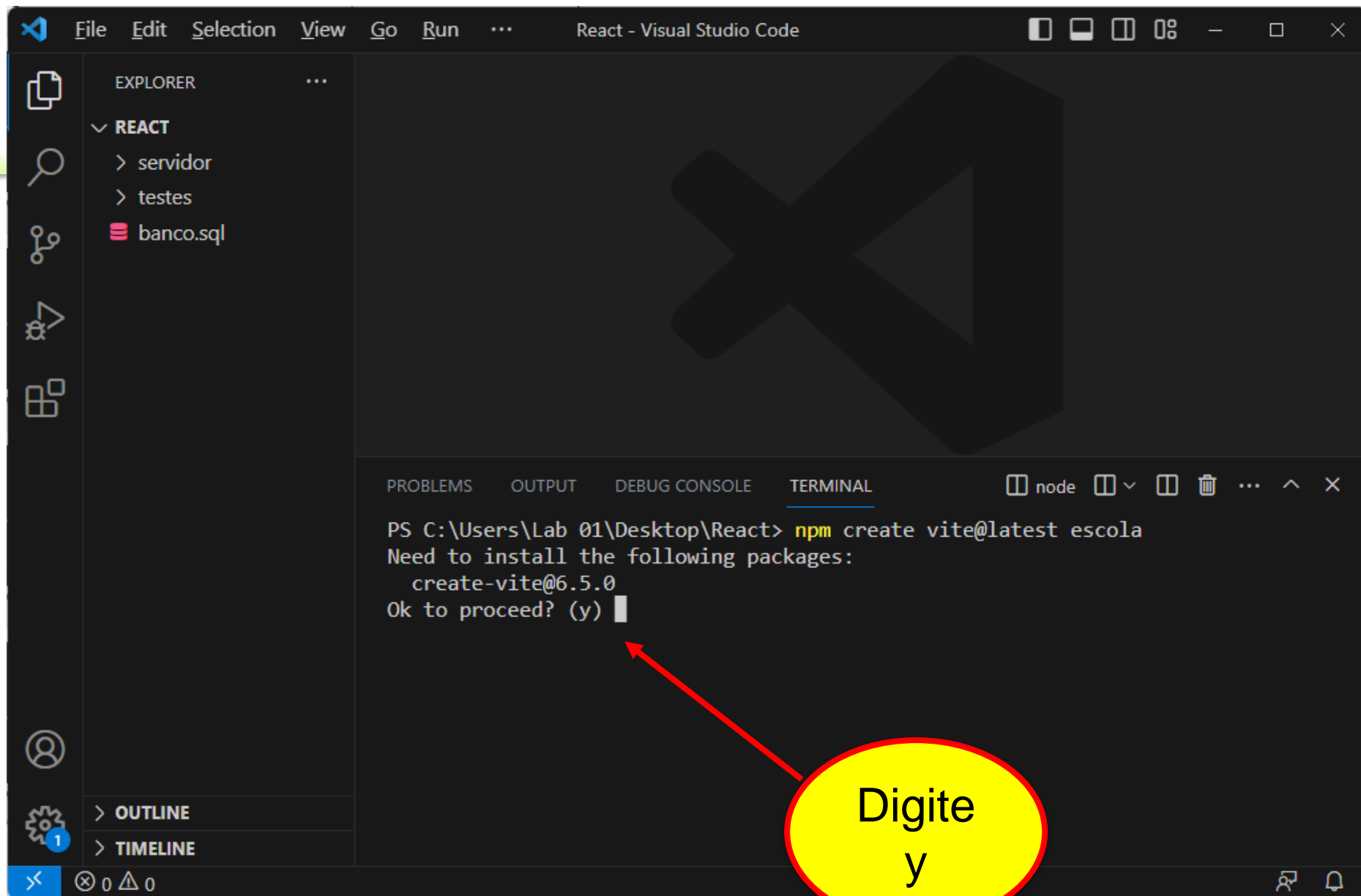
1 package is looking for funding
  run `npm fund` for details

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>
```

An orange arrow points from the word "Resultado" to the terminal output.



Digite este
comando



React - Visual Studio Code

EXPLORER

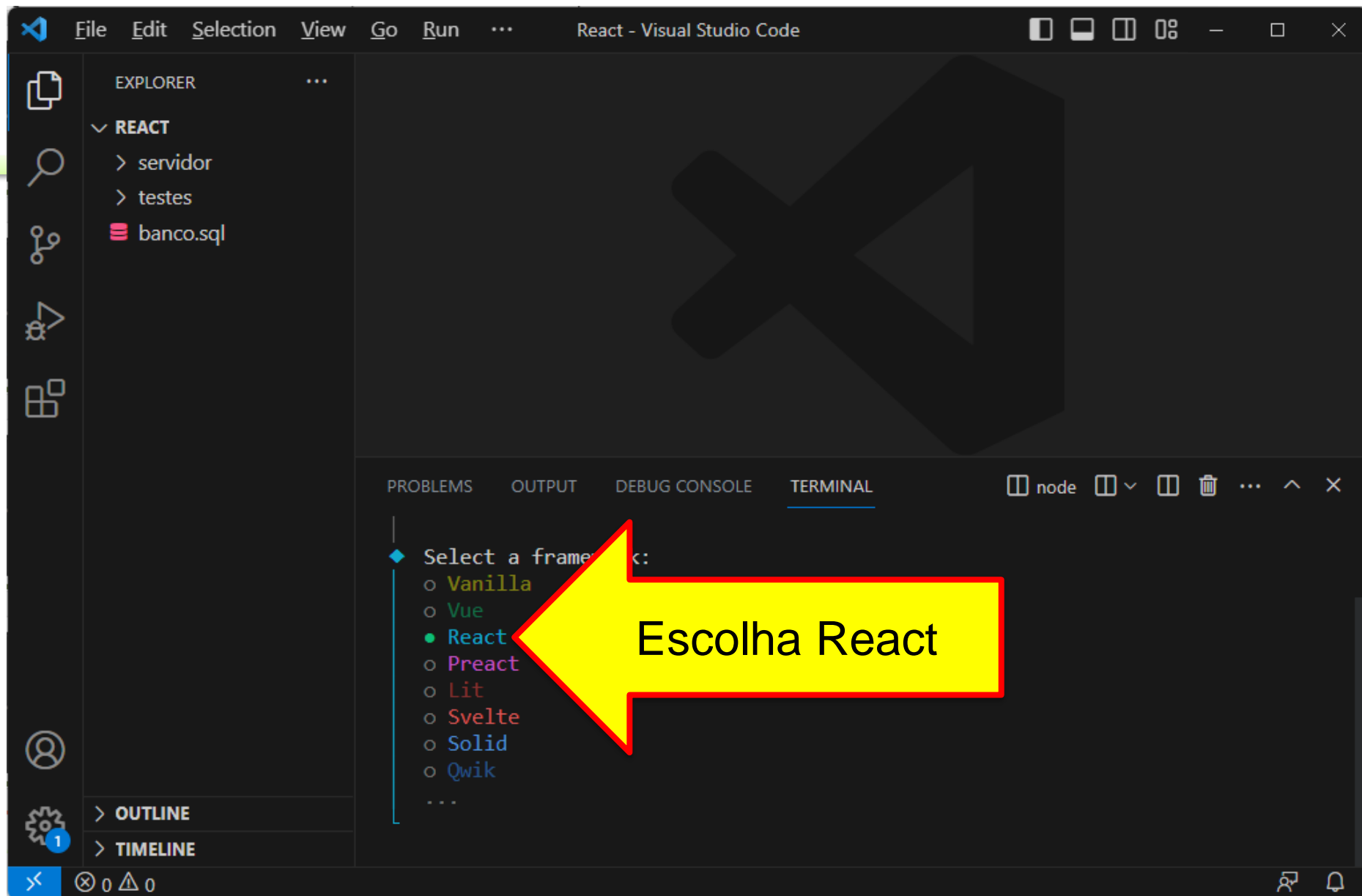
- REACT
 - > servidor
 - > testes
 - banco.sql

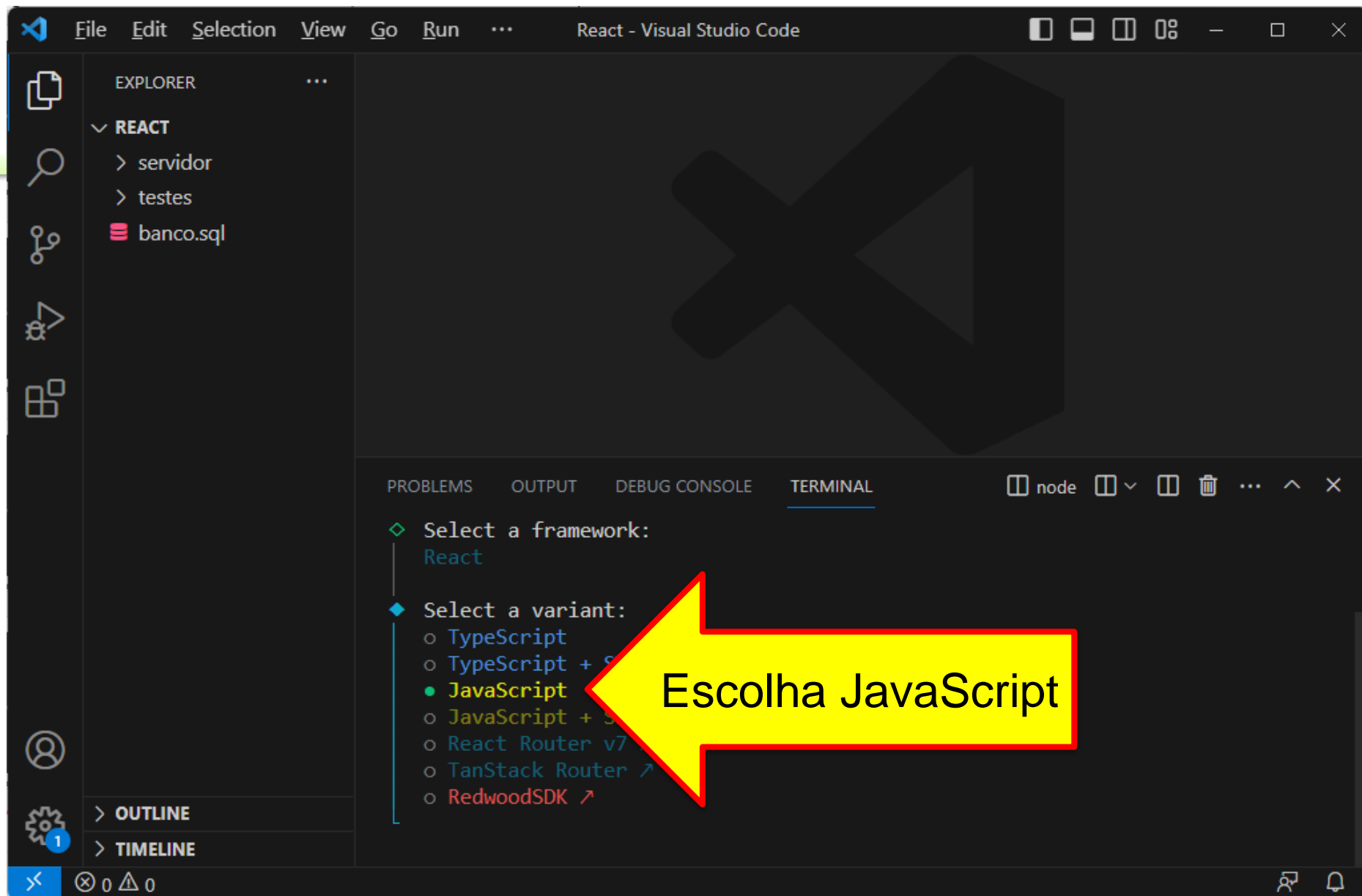
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```

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)
  
```

Digite y





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

- Explorer Panel:** Shows a project structure under 'REACT' with folders 'escola', 'servidor', and 'testes', and a file 'banco.sql'.
- Terminal Panel:** Displays the output of a command prompt (powershell). The output includes:
 - Select a variant:
JavaScript
 - Scaffolding project in C:\Users\Lab 01\Desktop\React\escola...
 - Done. Now run:
 - cd escola
 - npm install
 - npm run dev
- Terminal Prompt:** PS C:\Users\Lab 01\Desktop\React>

An orange arrow points from the text 'Resultado' to the terminal output, highlighting the instructions for running the project.

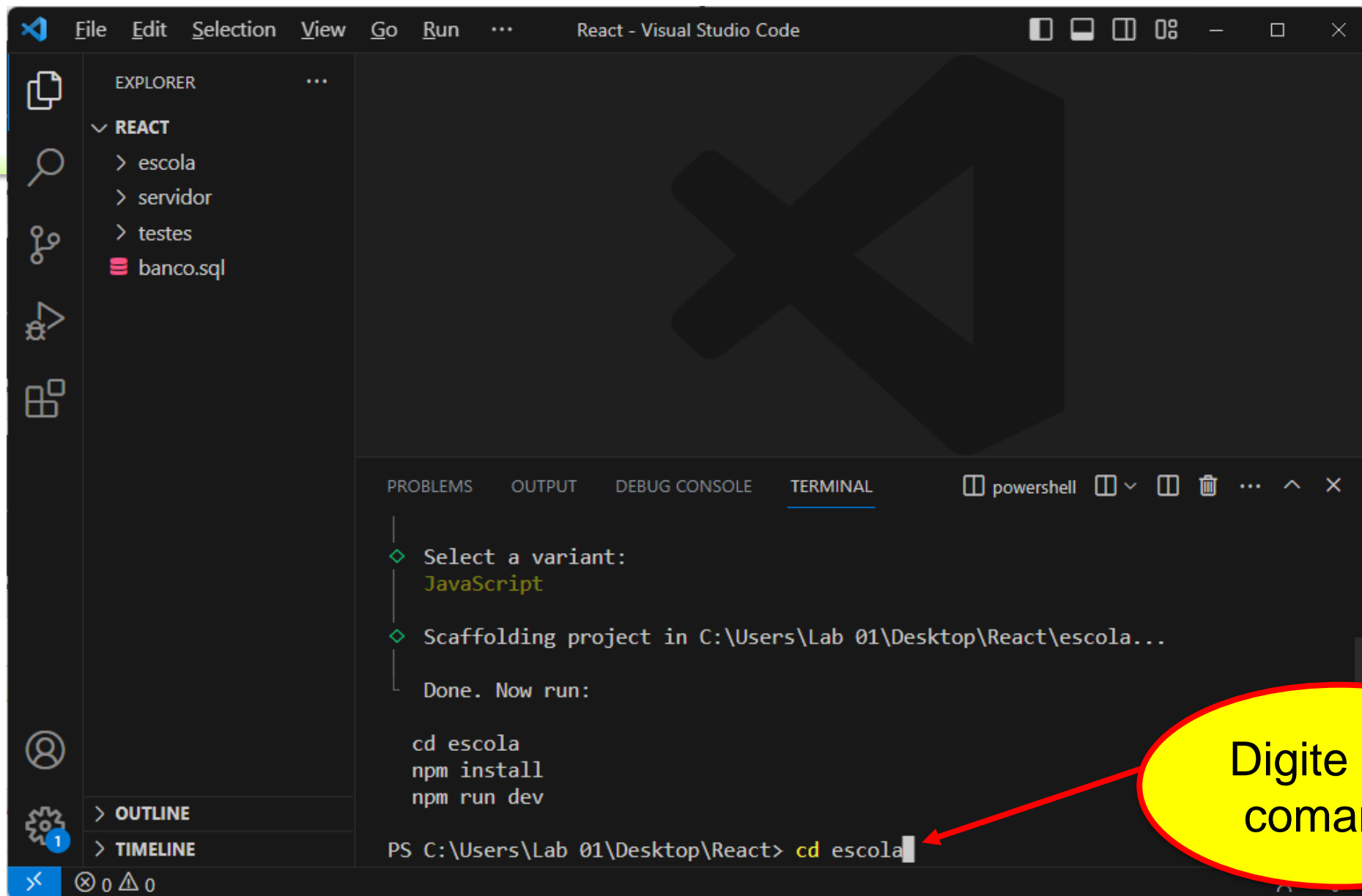


Acessando o Diretório Escola

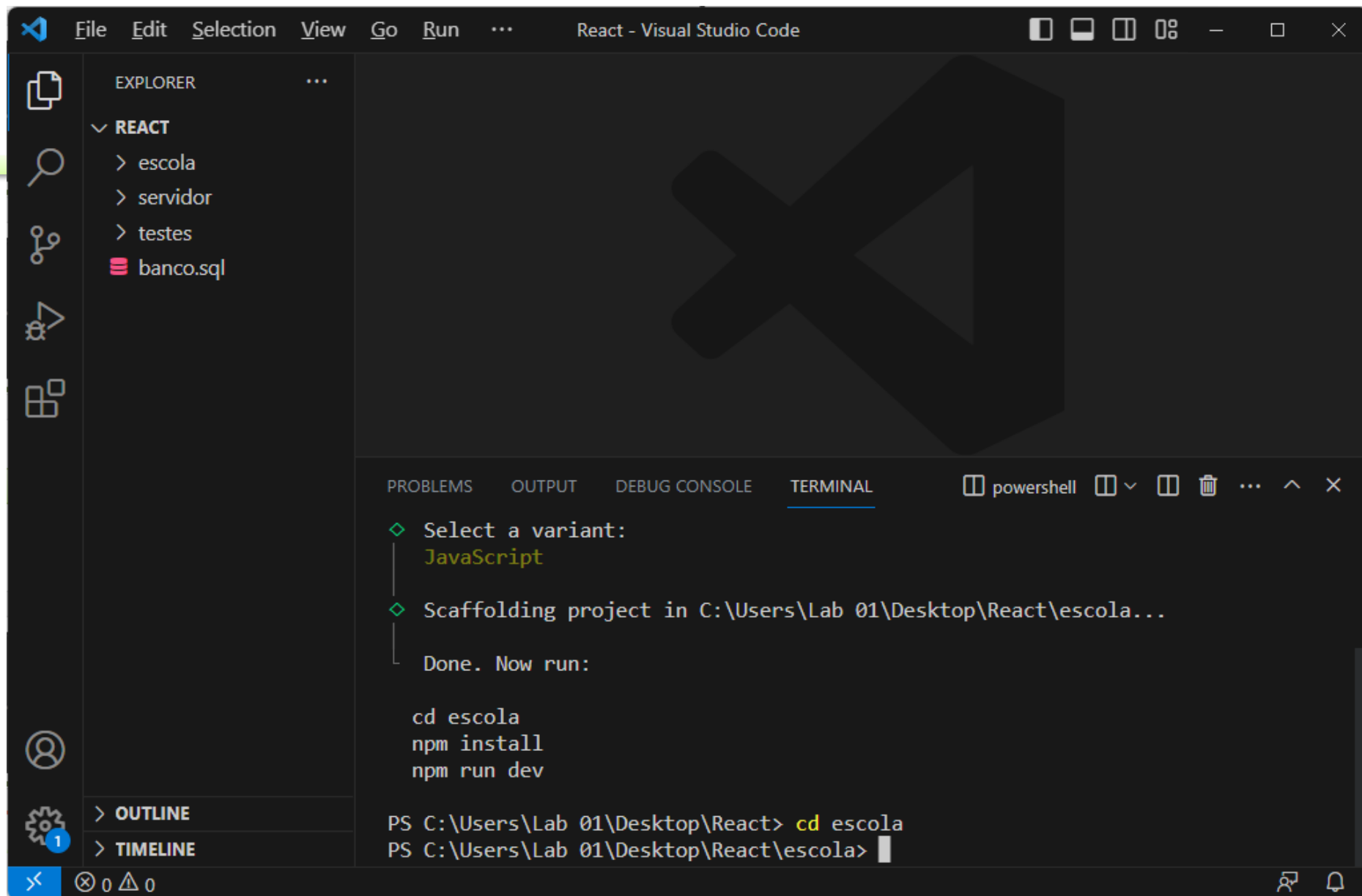
Guilherme Henrique de Souza


guilherme.souza@etec.sp.gov.br

guilherme.souza183@fatec.sp.gov.br



Digite este comando



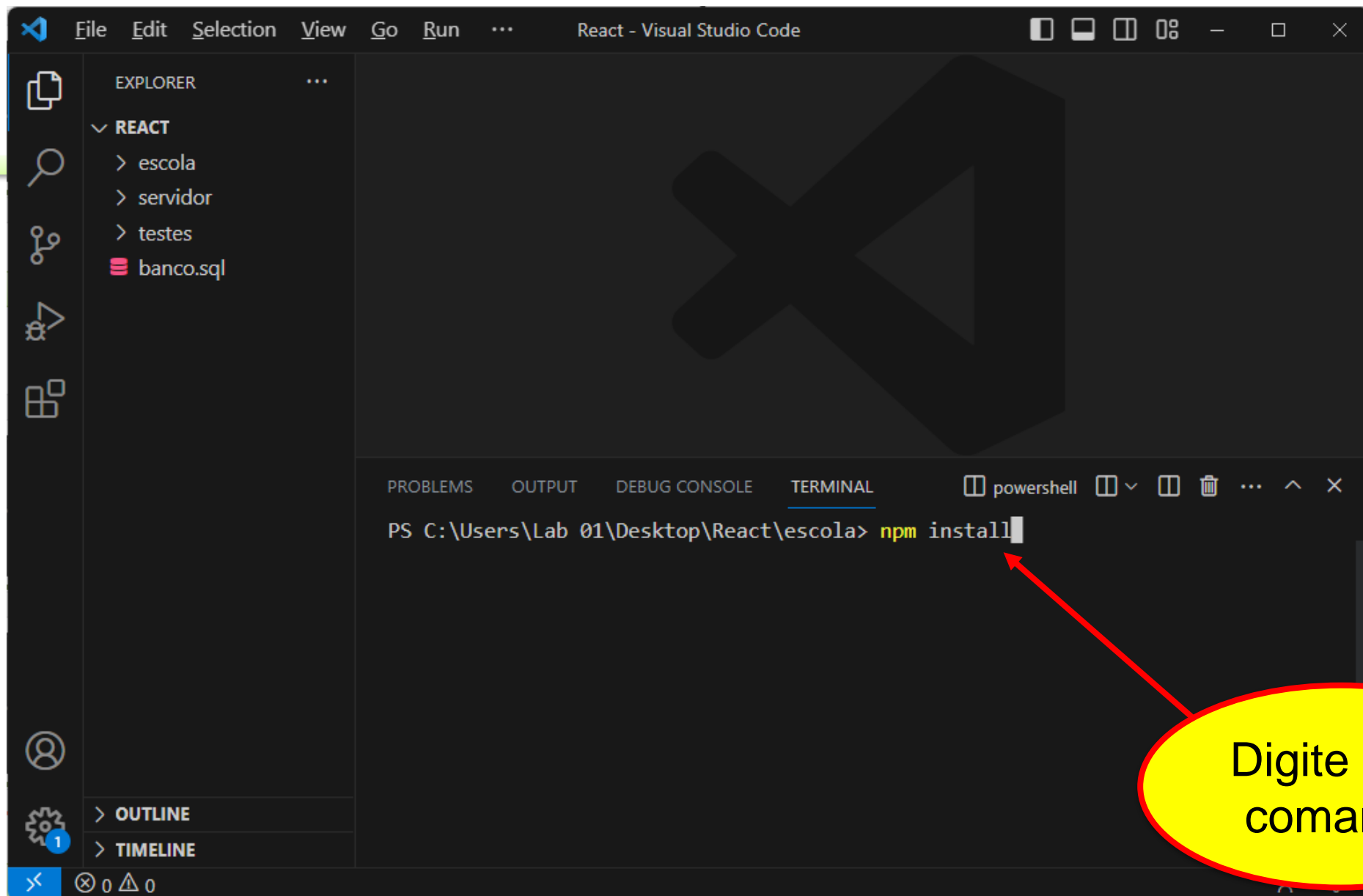
A decorative graphic consisting of a thin dark green circle on the left side of the slide. A thick dark green bracket is positioned vertically on the left, with its top and bottom horizontal bars extending to the right, framing the text 'npm install'. Another thick dark green bracket is positioned vertically on the right side of the slide, with its top and bottom horizontal bars extending to the left, also framing the text 'npm install'.

npm install

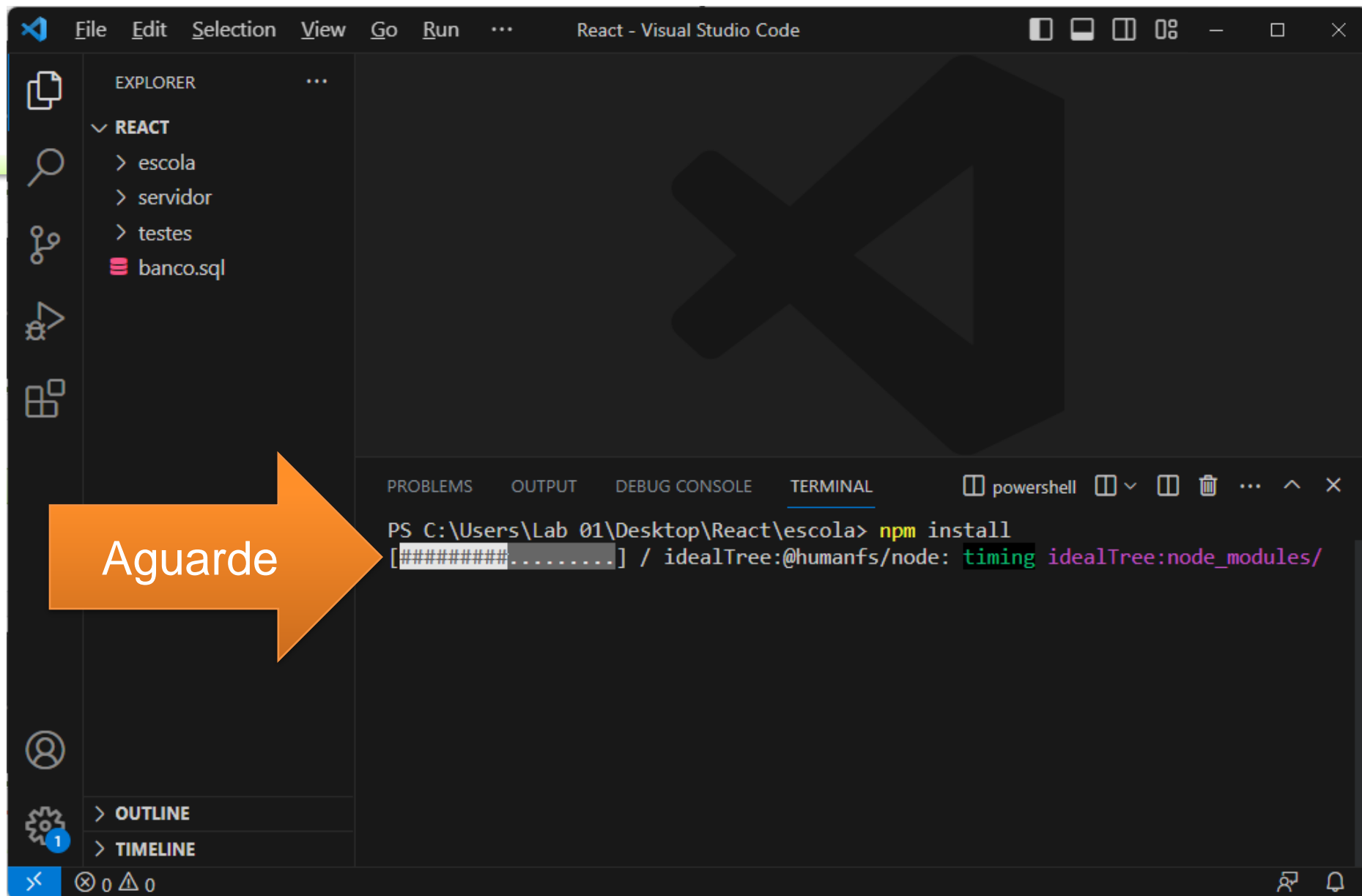
Guilherme Henrique de Souza

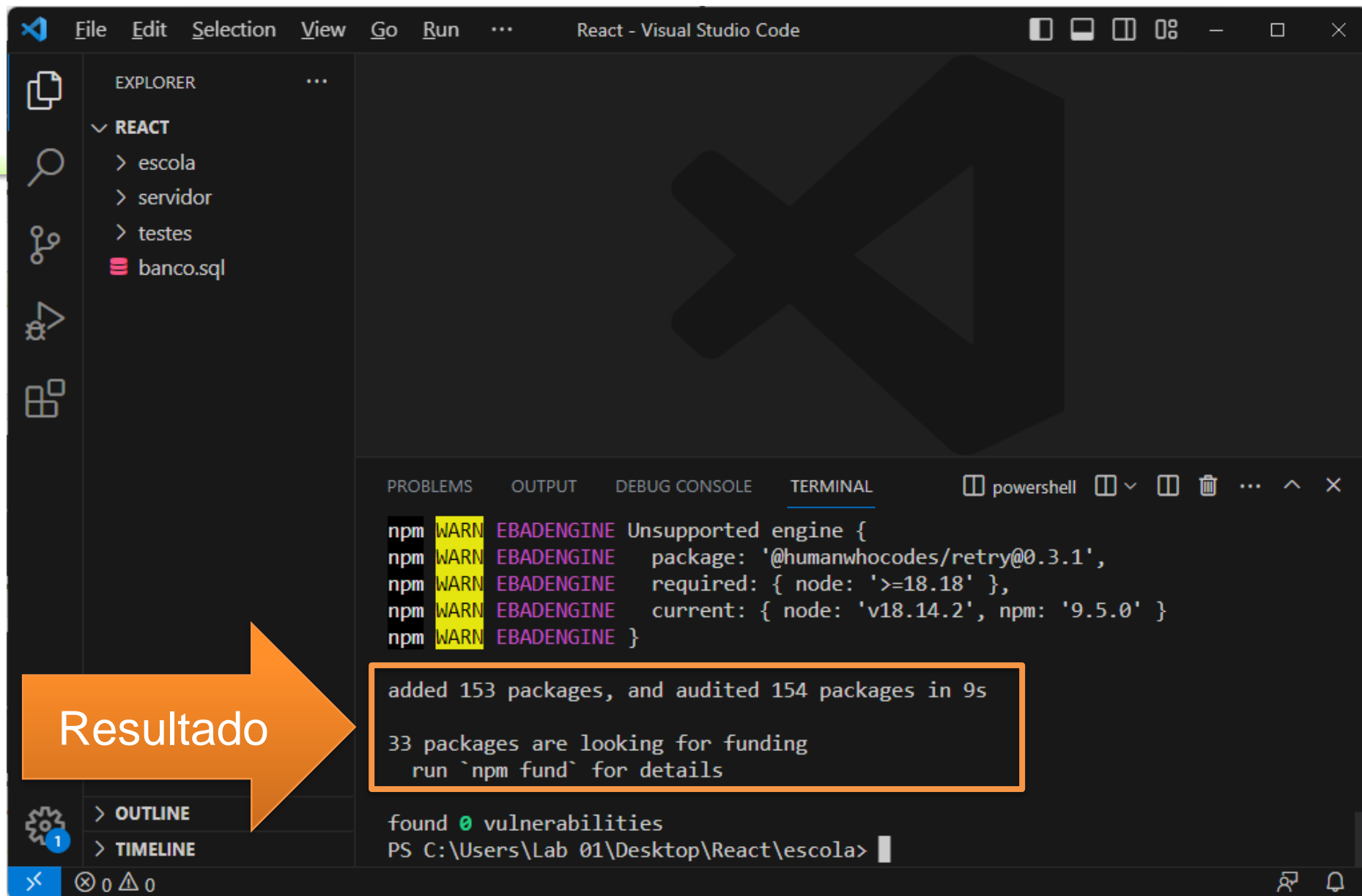
guilherme.souza@etec.sp.gov.br

guilherme.souza183@fatec.sp.gov.br



Digite este
comando





The screenshot shows the Visual Studio Code interface with a terminal window open. The Explorer sidebar on the left shows a project named 'REACT' with subfolders 'escola', 'servidor', and 'testes', and a file 'banco.sql'. The terminal window displays the following output:

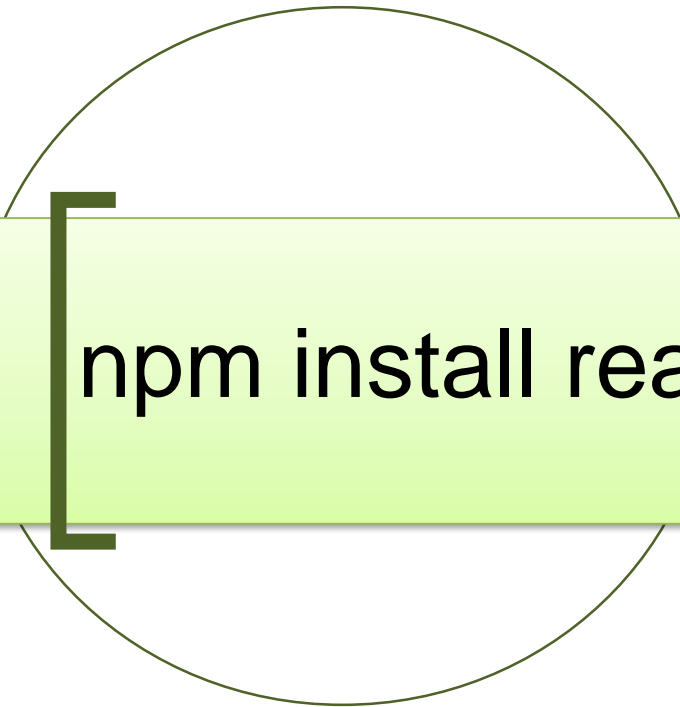
```
npm WARN EBADENGINE Unsupported engine {
npm WARN EBADENGINE   package: '@humanwhocodes/retry@0.3.1',
npm WARN EBADENGINE   required: { node: '>=18.18' },
npm WARN EBADENGINE   current: { node: 'v18.14.2', npm: '9.5.0' }
npm WARN EBADENGINE }

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>
```

An orange arrow points from the word 'Resultado' to the terminal output, specifically highlighting the line 'added 153 packages, and audited 154 packages in 9s'.

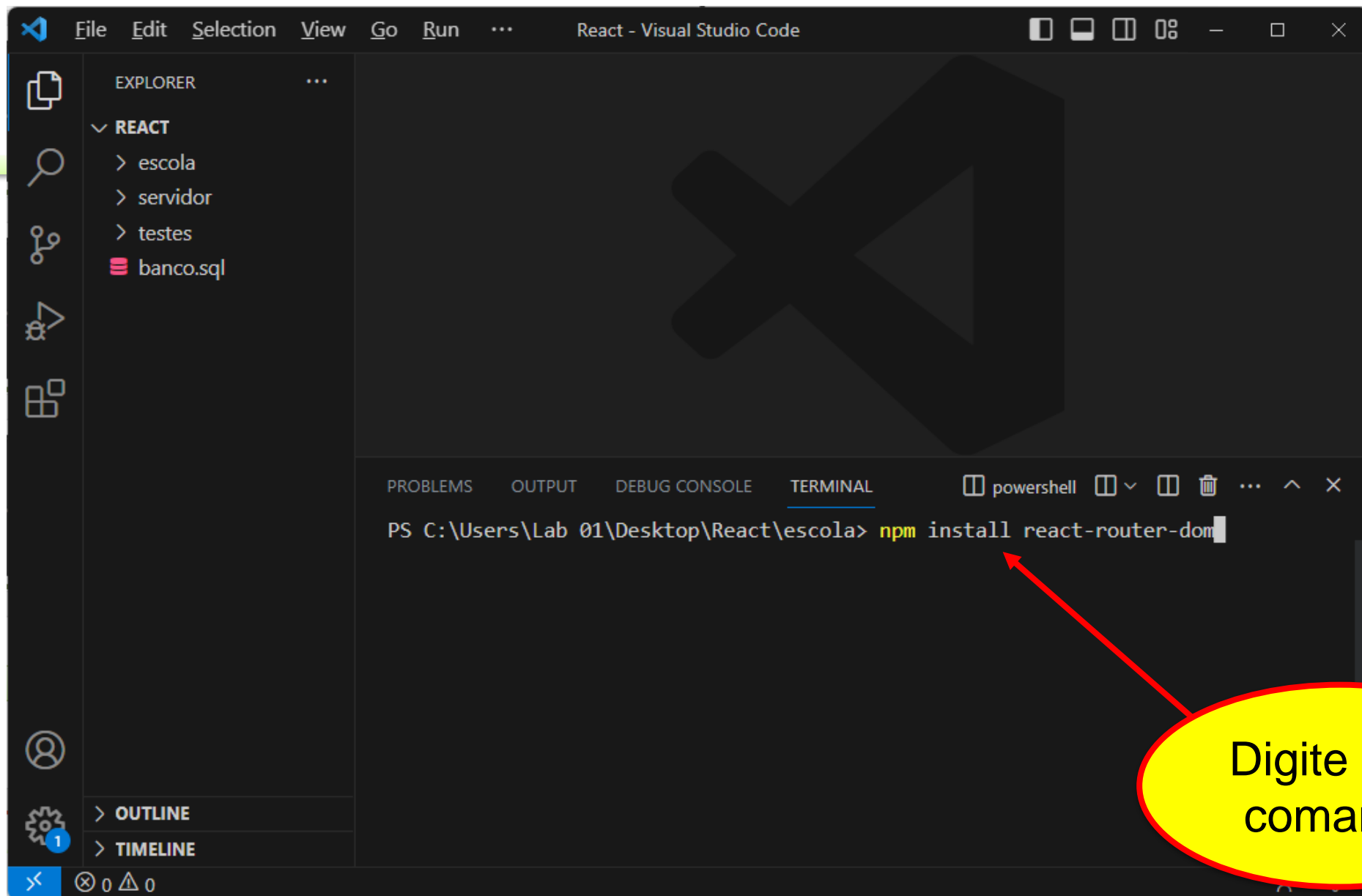


`npm install react-router-dom`

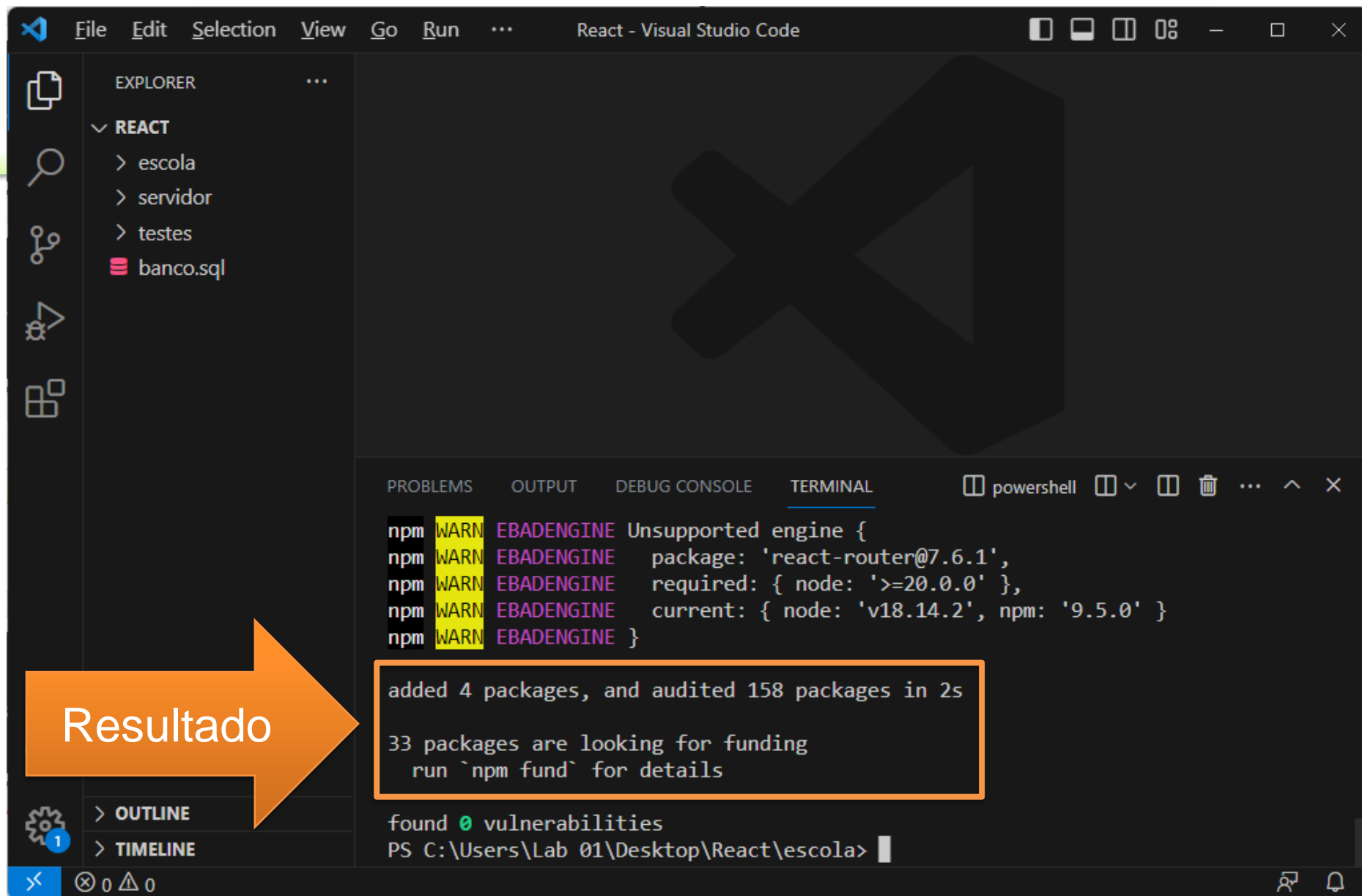
Guilherme Henrique de Souza

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guilherme.souza183@fatec.sp.gov.br



Digite este comando



The screenshot shows the Visual Studio Code interface with a terminal window open. The Explorer sidebar on the left shows a project named 'REACT' with subfolders 'escola', 'servidor', and 'testes', and a file 'banco.sql'. The terminal window displays 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>
  
```

An orange arrow points from the word "Resultado" to the terminal output, specifically highlighting the message "added 4 packages, and audited 158 packages in 2s".

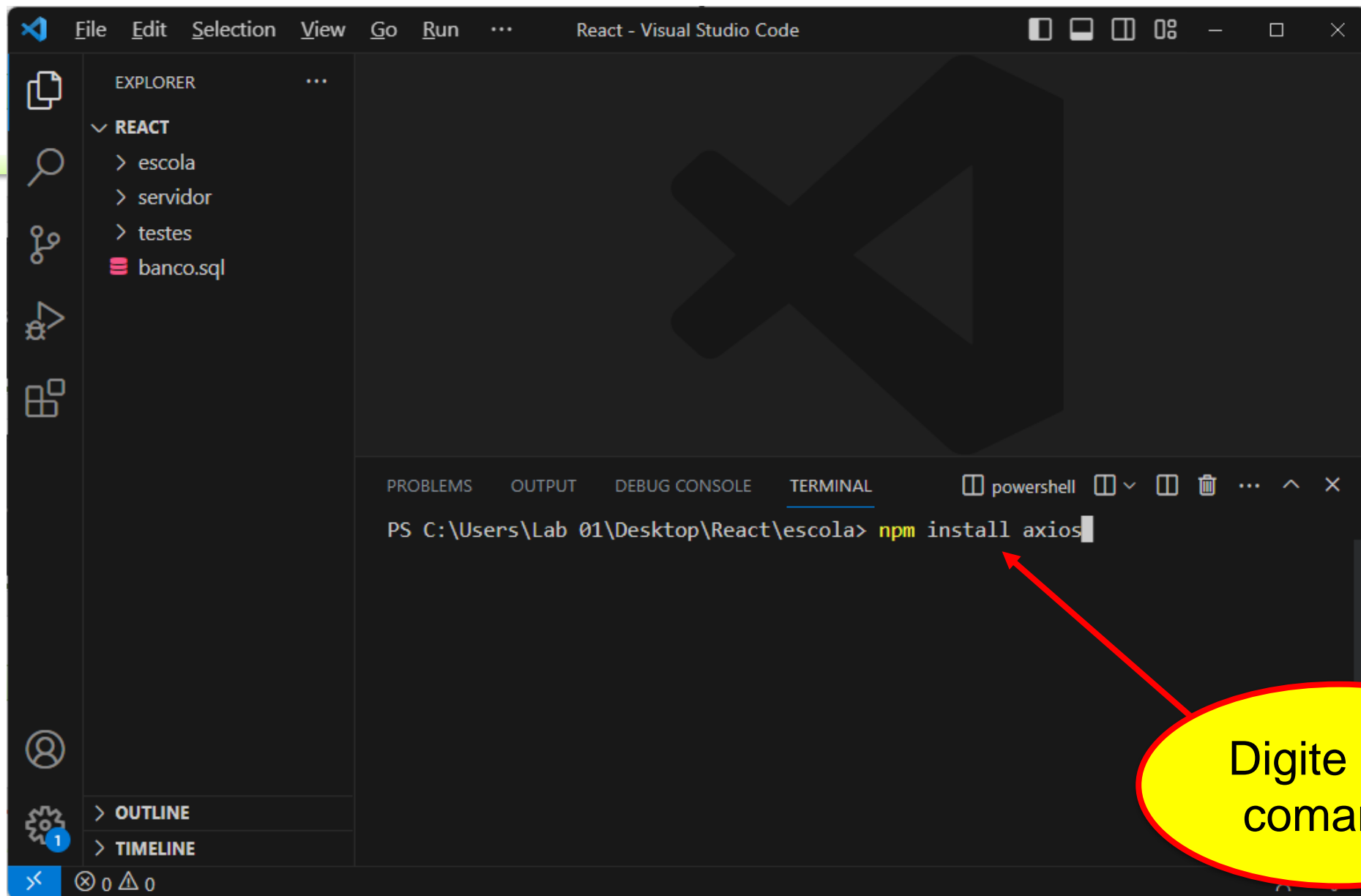
A decorative graphic consisting of a light green horizontal bar with a darker green gradient. A thin green circle is partially visible behind the bar, with its left and bottom portions extending beyond the bar's edges. The text 'npm install axios' is centered within the bar.

`npm install axios`

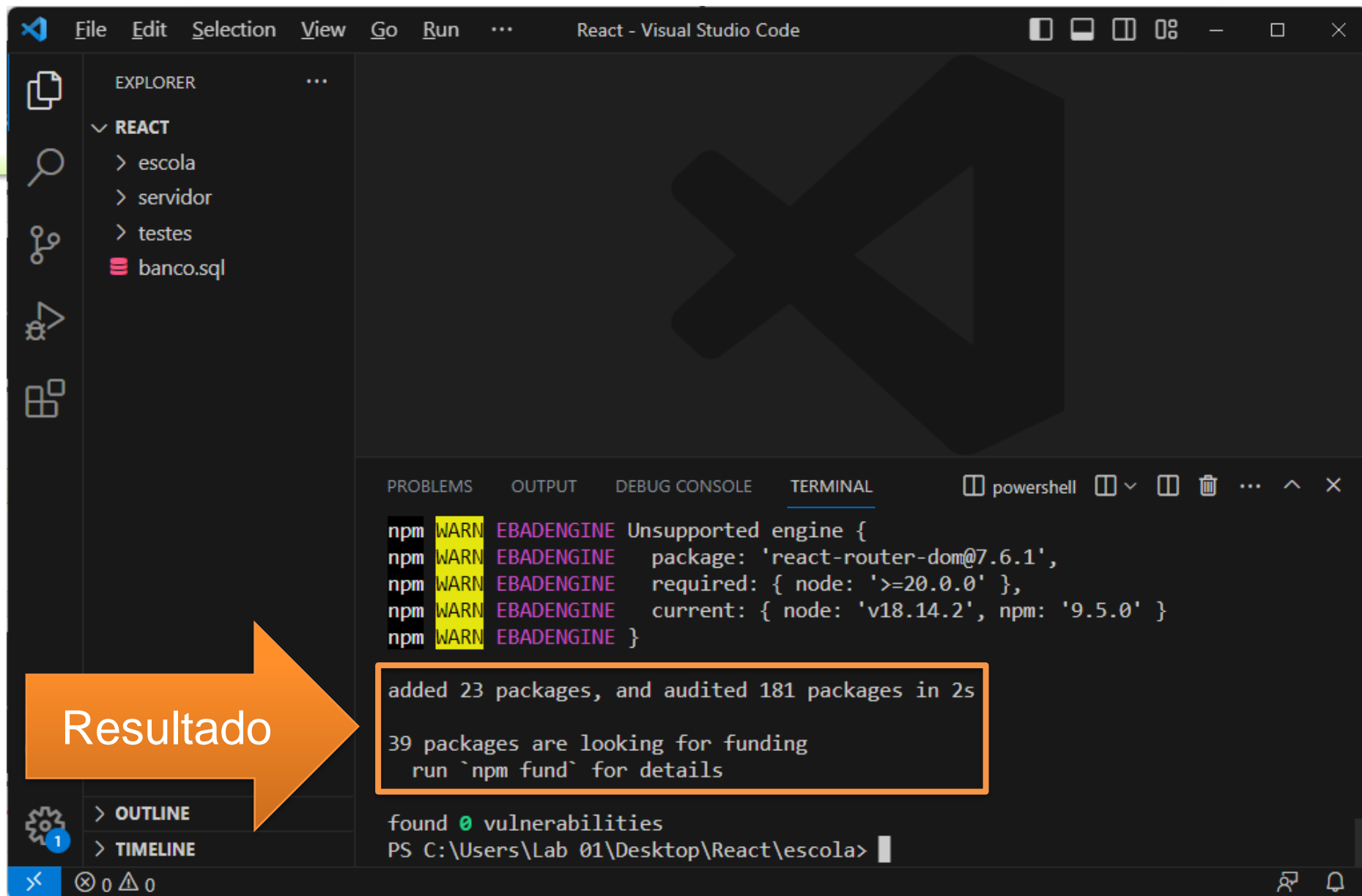
Guilherme Henrique de Souza

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guilherme.souza183@fatec.sp.gov.br



Digite este
comando



The screenshot shows the Visual Studio Code interface with a terminal window open. The Explorer sidebar on the left shows a project named 'REACT' with subfolders 'escola', 'servidor', and 'testes', and a file 'banco.sql'. The terminal window displays the following output:

```

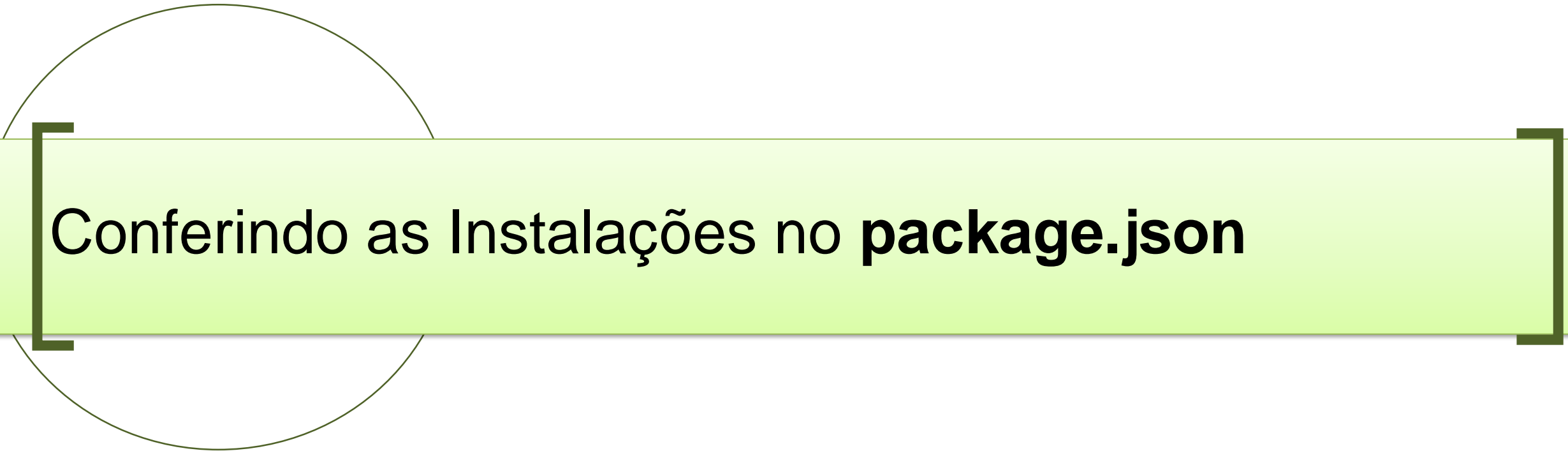
npm WARN EBADENGINE Unsupported engine {
npm WARN EBADENGINE   package: 'react-router-dom@7.6.1',
npm WARN EBADENGINE   required: { node: '>=20.0.0' },
npm WARN EBADENGINE   current: { node: 'v18.14.2', npm: '9.5.0' }
npm WARN EBADENGINE }

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>
  
```

An orange arrow points from the word 'Resultado' to the terminal output, specifically highlighting the success message: 'added 23 packages, and audited 181 packages in 2s'.

A decorative graphic on the left side of the slide, consisting of a thin green circle and a thick green bracket-like shape that frames the title.

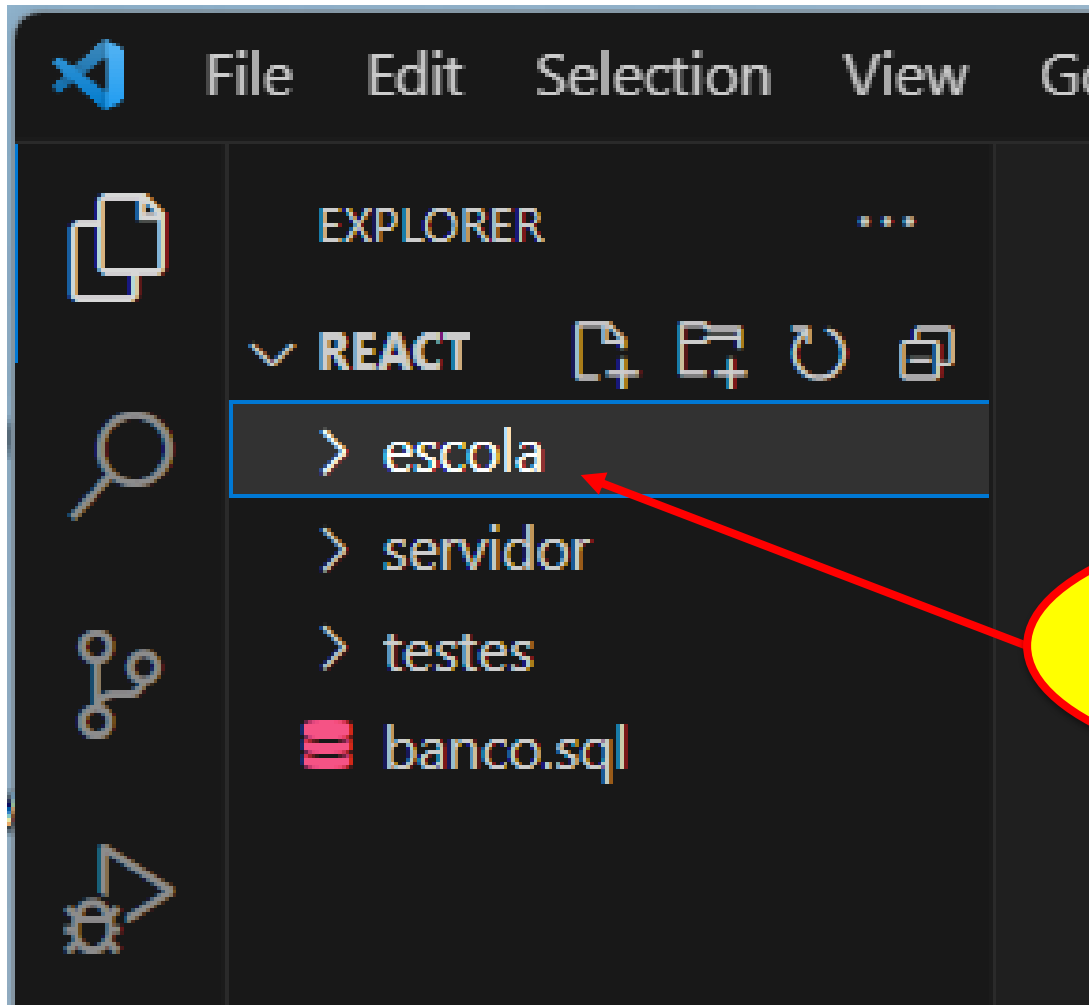
Conferindo as Instalações no **package.json**

Guilherme Henrique de Souza

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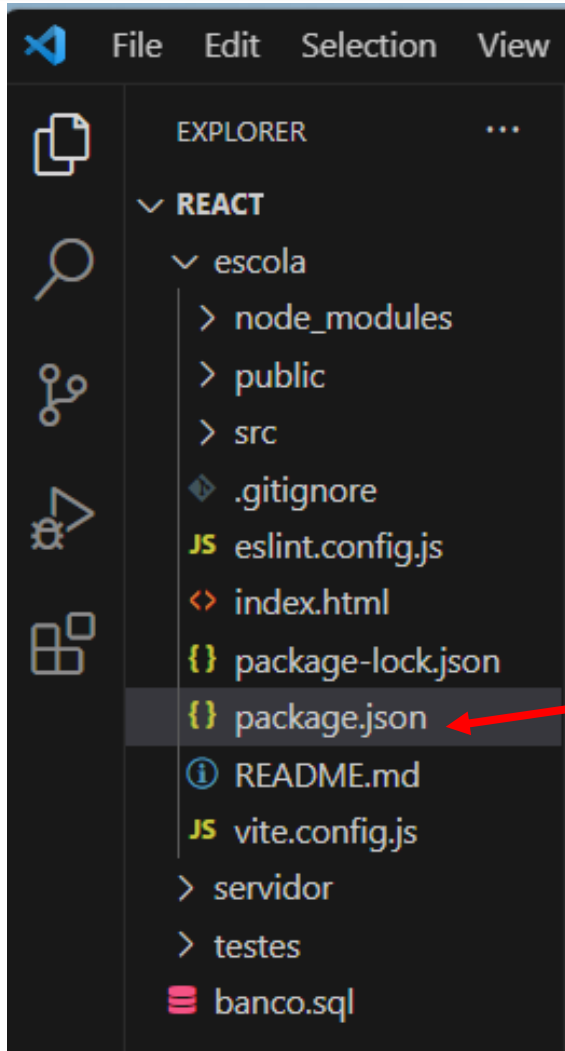
guilherme.souza183@fatec.sp.gov.br

Conferindo as Instalações no **package.json**

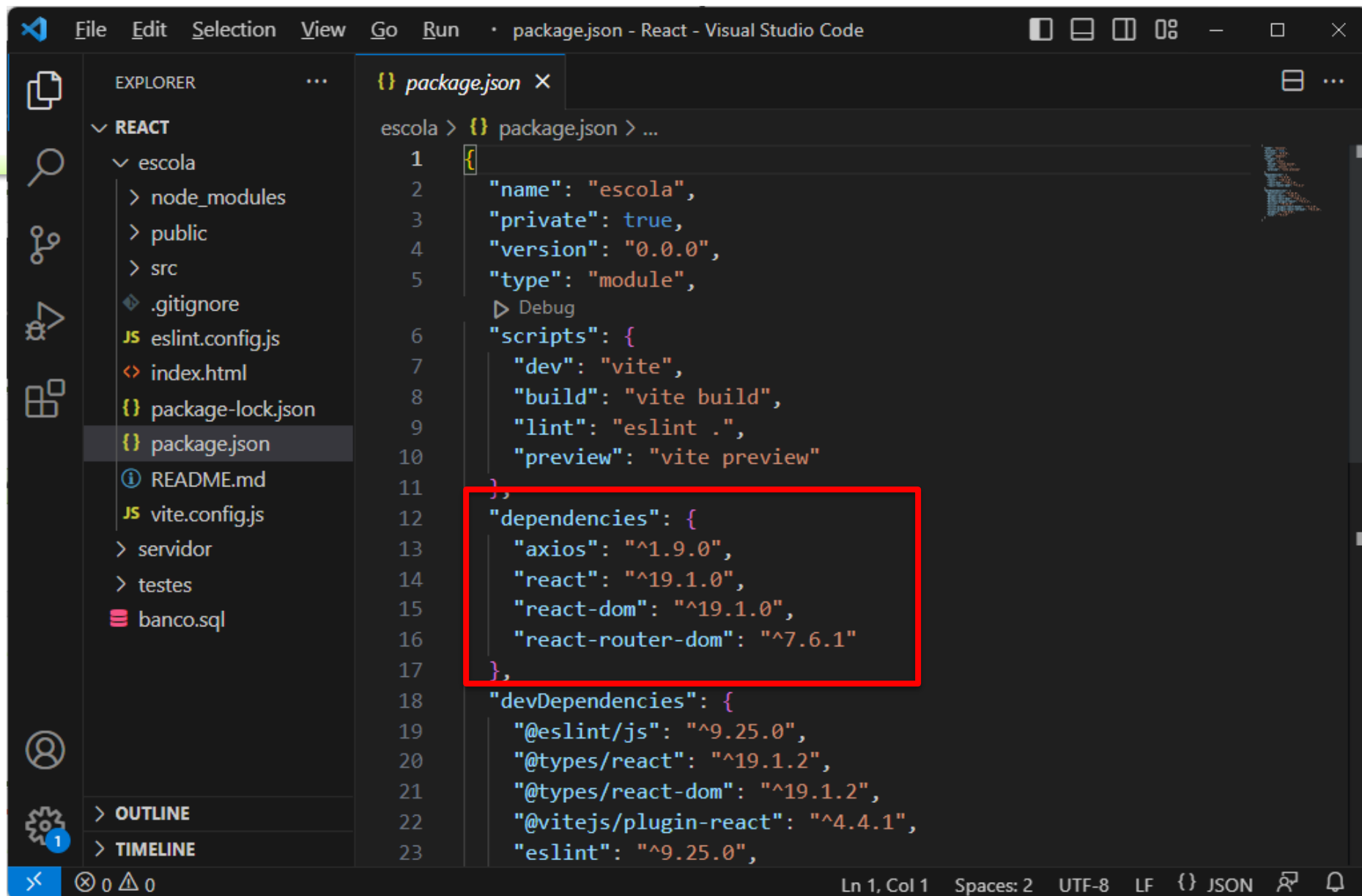


Projeto, clique
para visualiza-lo

Conferindo as Instalações no **package.json**



Clique para
abrir

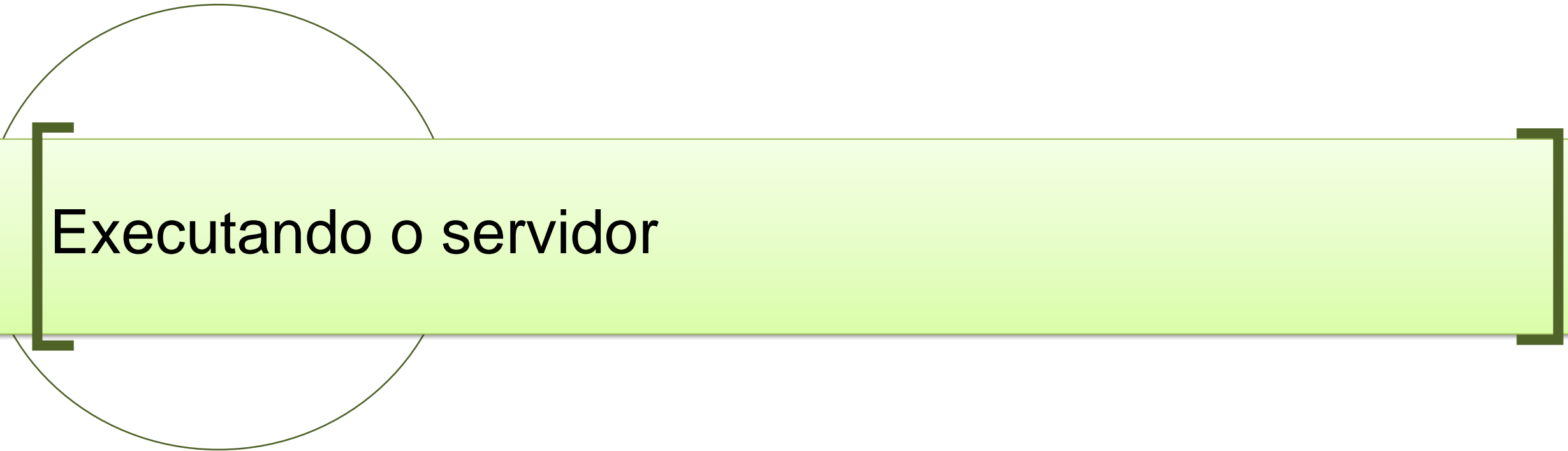


The image shows a Visual Studio Code window with the file explorer on the left and the editor on the right. The file explorer shows a project named 'escola' with various files and folders. The editor displays the 'package.json' file, which contains the following JSON structure:

```
{
  "name": "escola",
  "private": true,
  "version": "0.0.0",
  "type": "module",
  "scripts": {
    "dev": "vite",
    "build": "vite build",
    "lint": "eslint .",
    "preview": "vite preview"
  },
  "dependencies": {
    "axios": "^1.9.0",
    "react": "^19.1.0",
    "react-dom": "^19.1.0",
    "react-router-dom": "^7.6.1"
  },
  "devDependencies": {
    "@eslint/js": "^9.25.0",
    "@types/react": "^19.1.2",
    "@types/react-dom": "^19.1.2",
    "@vitejs/plugin-react": "^4.4.1",
    "eslint": "^9.25.0",

```

The 'dependencies' section is highlighted with a red box. The status bar at the bottom indicates 'Ln 1, Col 1', 'Spaces: 2', 'UTF-8', 'LF', and 'JSON'.

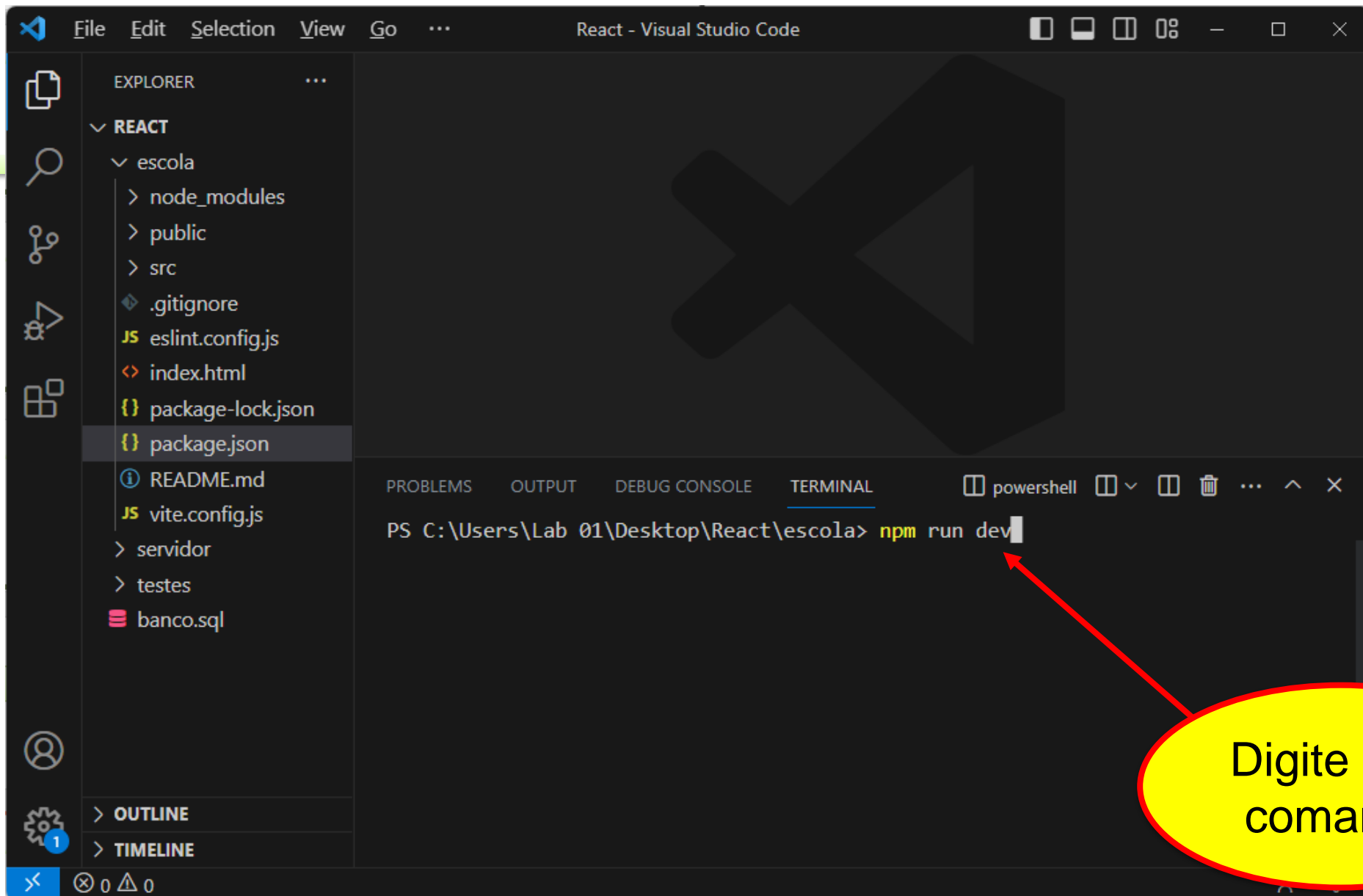
A decorative graphic on the left side of the slide. It features a thin green circle that is partially obscured by a thick green bracket. The bracket is composed of two vertical lines that meet at the top and bottom, with a horizontal crossbar. The entire graphic is positioned to the left of a light green horizontal bar that spans the width of the slide.

Executando o servidor

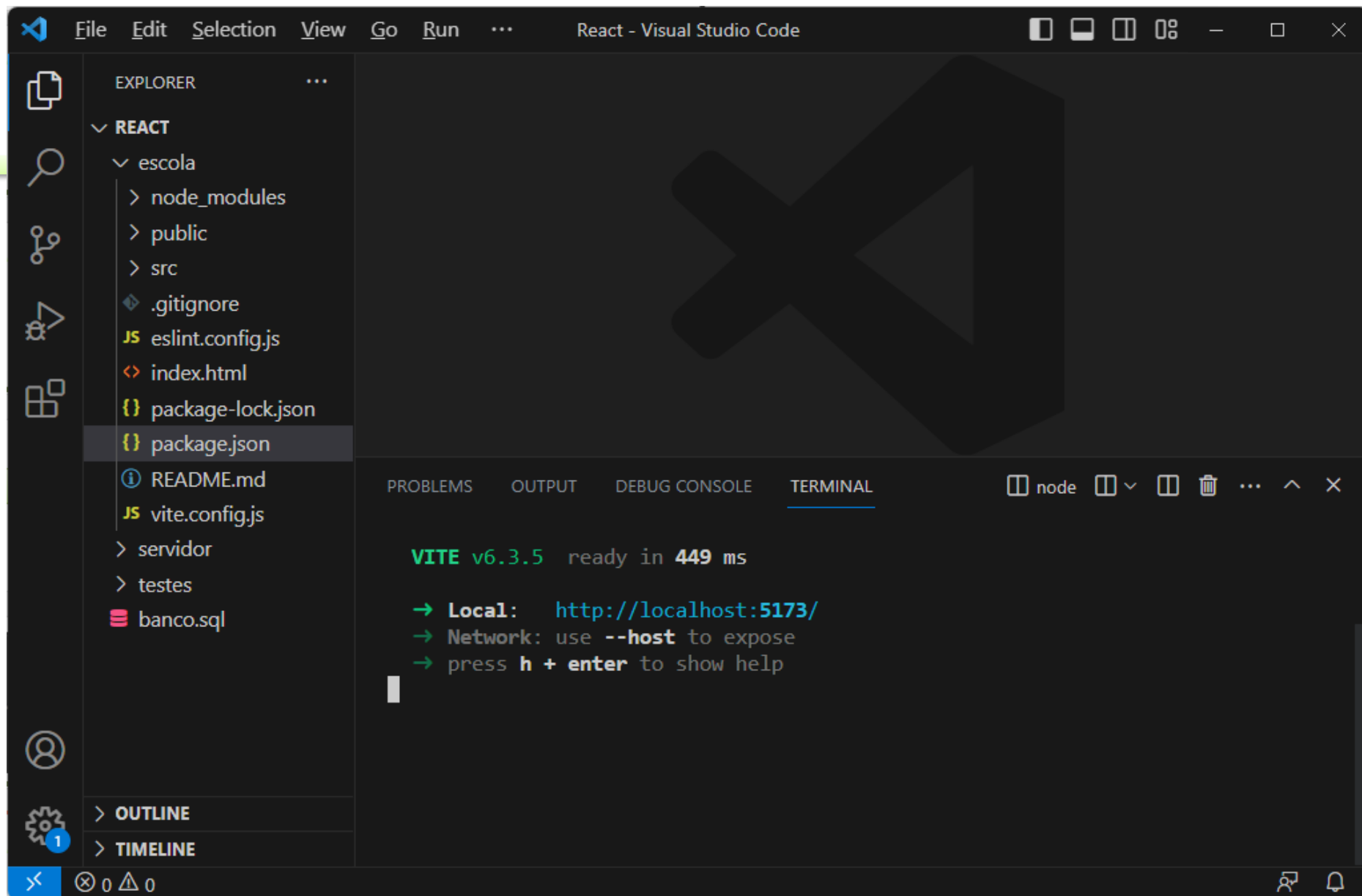
Guilherme Henrique de Souza

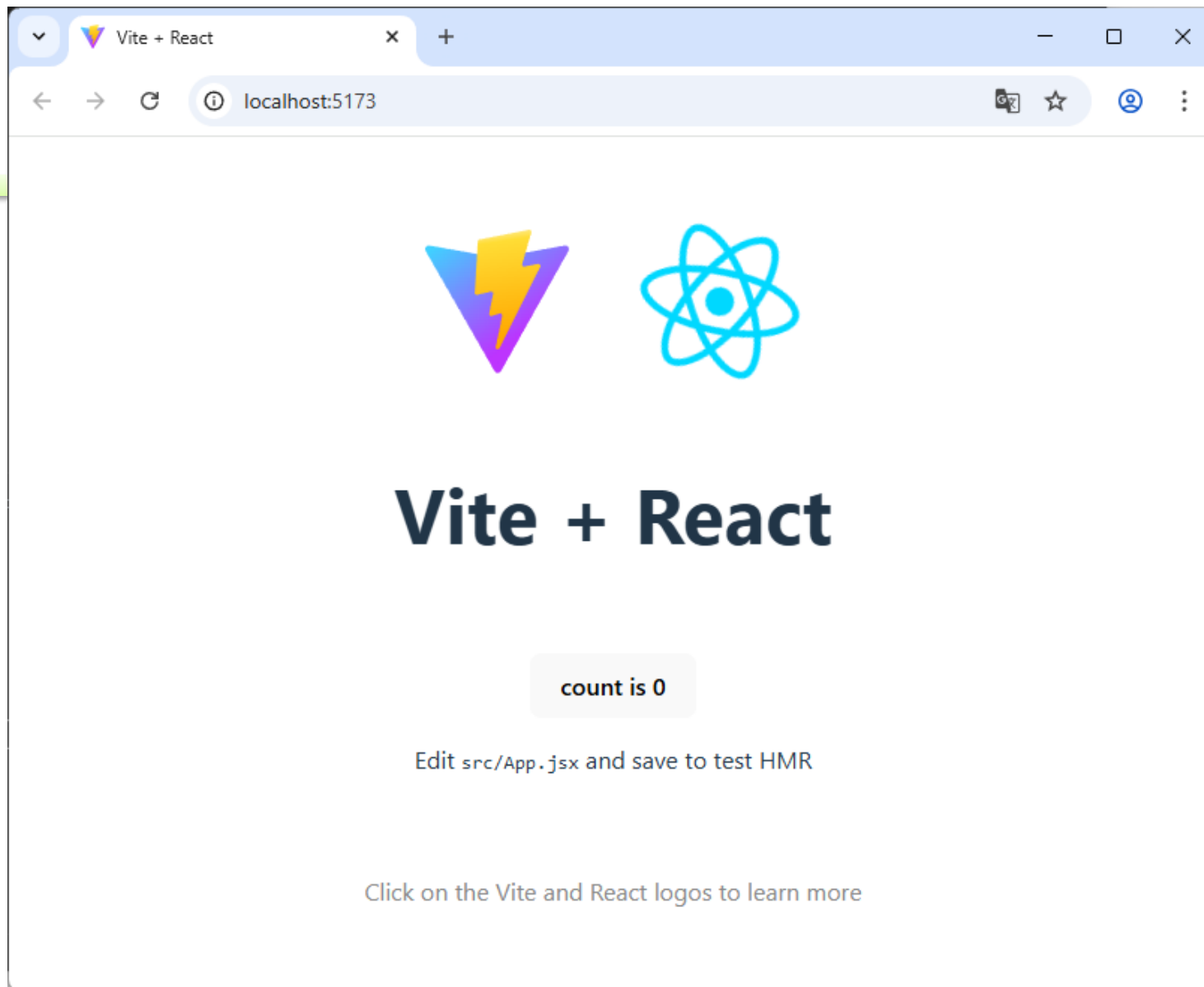
guilherme.souza@etec.sp.gov.br

guilherme.souza183@fatec.sp.gov.br



Digite este
comando





Dúvidas

