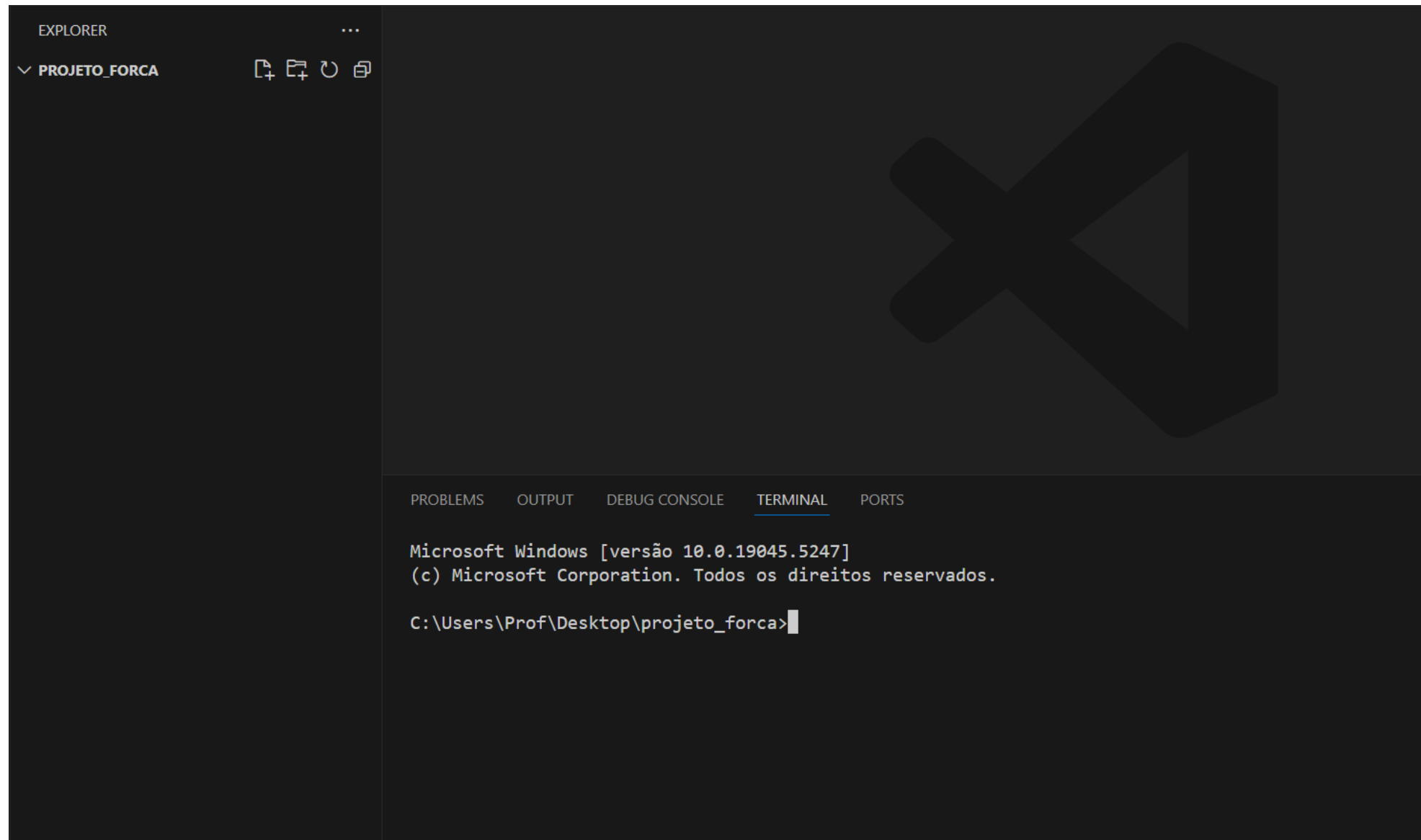


IW-II

Prof. Anderson Vanin

Projeto Jogo da Forca



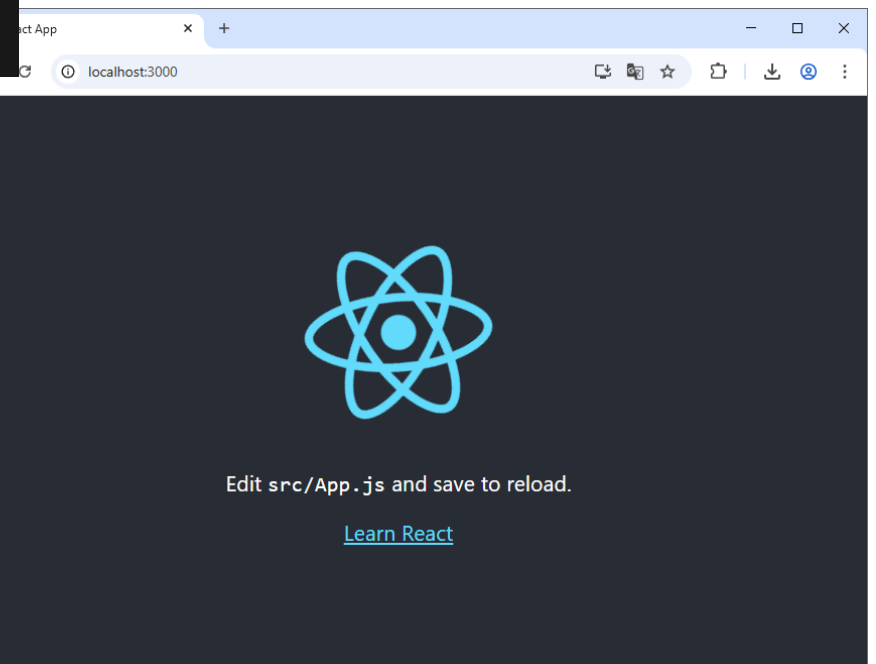
- `npx create-react-app forca`

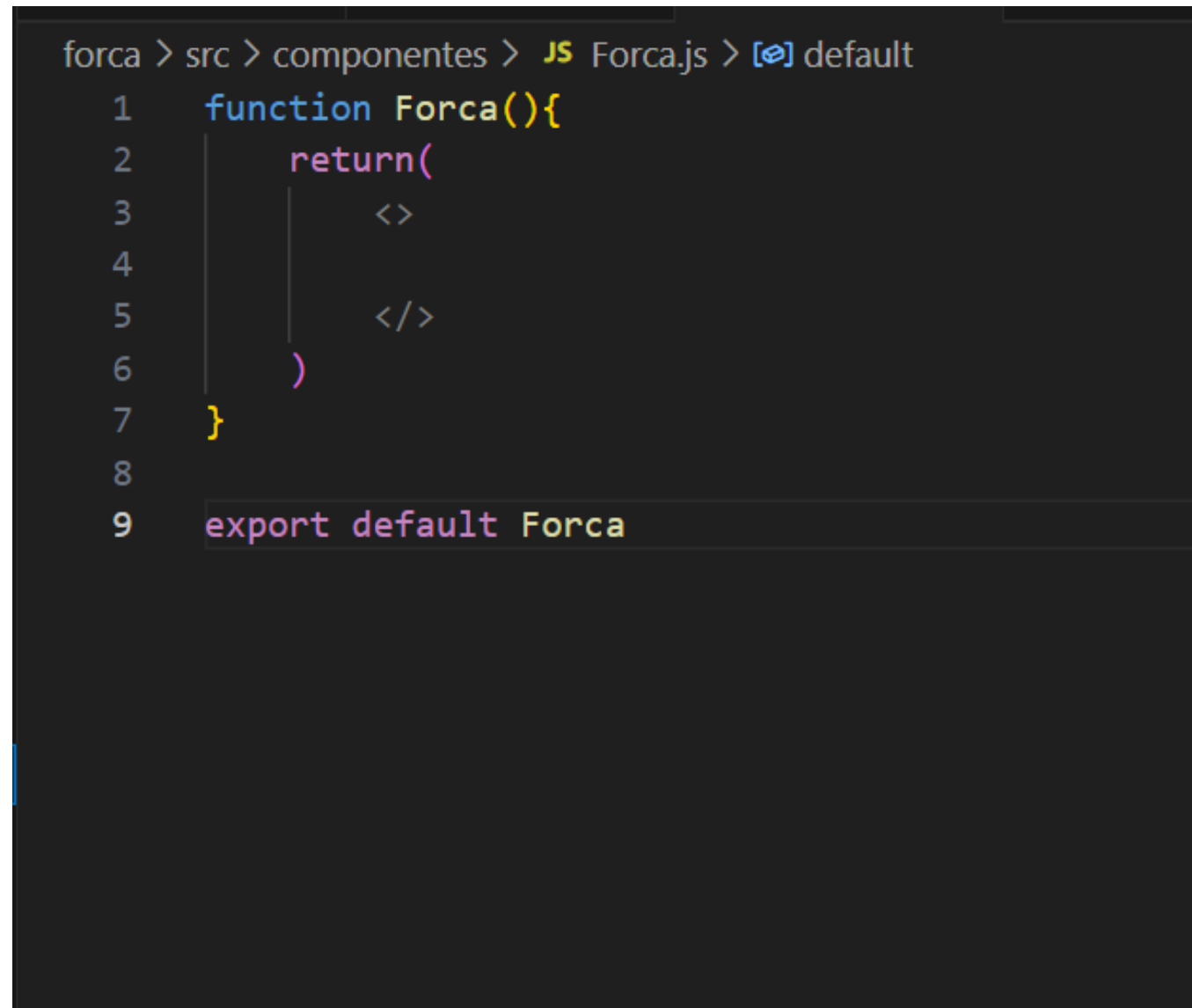
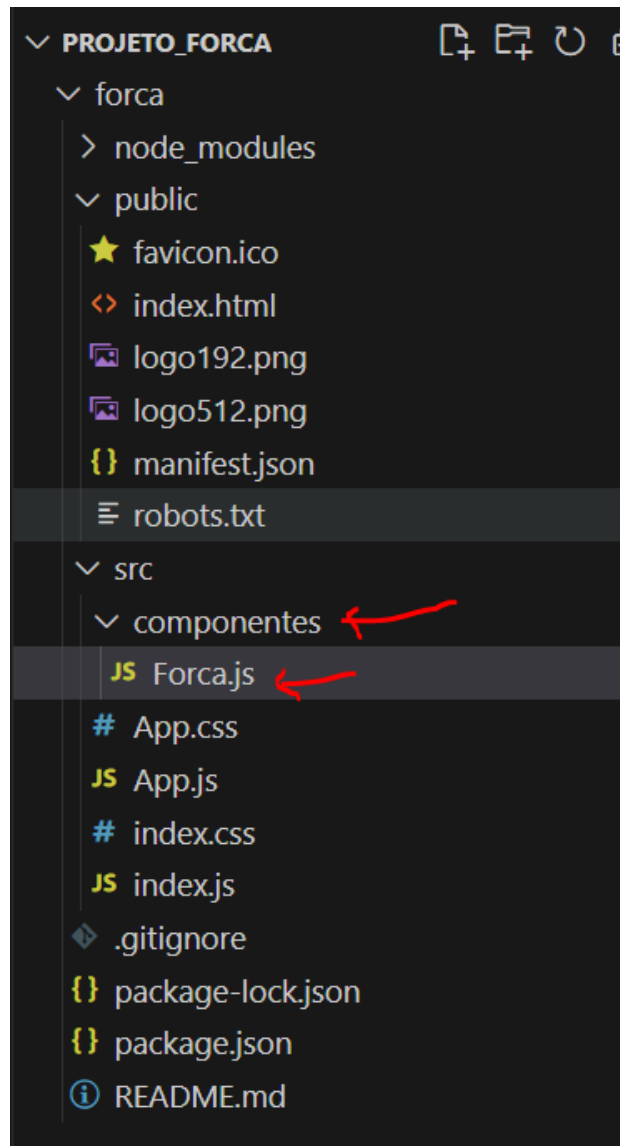
```
C:\Users\Prof\Desktop\projeto_forca>npx create-react-app forca
Need to install the following packages:
create-react-app@5.1.0
Ok to proceed? (y) y

npm warn deprecated inflight@1.0.6: This module is not supported, and le
nt a good and tested way to coalesce async requests by a key value, whic
npm warn deprecated rimraf@2.7.1: Rimraf versions prior to v4 are no lon
npm warn deprecated fstream-ignore@1.0.5: This package is no longer supp
npm warn deprecated uid-number@0.0.6: This package is no longer supporte
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer
npm warn deprecated fstream@1.0.12: This package is no longer supported.
npm warn deprecated tar@2.2.2: This version of tar is no longer supporte
asap.
```

```
C:\Users\Prof\Desktop\projeto_forca>cd forca
```

```
C:\Users\Prof\Desktop\projeto_forca\forca>npm start
```





forca > src > componentes > JS Forca.js > Forca > alfabeto.map() callback

```
1  import React, { useState } from "react";
2  function Forca(){
3      const palavraSecreta = "REACT";
4      const [letrasTentadas, setLetrasTentadas] = useState([]);
5      const [erros, setErros] = useState(0);
6
7      const maxErros = 6;
8
9      const handleTentativa = (letra) => {
10         if (letrasTentadas.includes(letra)) return;
11         setLetrasTentadas([...letrasTentadas, letra]);
12         if (!palavraSecreta.includes(letra)) {
13             setErros(erros + 1);
14         }
15     }
16
17     const palavraExibida = palavraSecreta
18     .split("")
19     .map((letra) => (letrasTentadas.includes(letra) ? letra : "_"))
20     .join(" ");
21
22     const vitoria = palavraExibida.replace(/\s/g, "") === palavraSecreta;
23     const derrota = erros >= maxErros;
24     const alfabeto = "ABCDEFGHIJKLMNOPQRSTUVWXYZ".split("");
25
26     return(
```

```

26   return(
27     <>
28     <h1>Jogo da Forca</h1>
29     <p style={{ fontSize: "24px", letterSpacing: "10px" }}>{palavraExibida}</p>
30     <p>Erros: {erros} de {maxErros}</p>
31
32     <div style={{ marginTop: "20px" }}>
33       {alfabeto.map((letra) => (
34         <button
35           key={letra}
36           onClick={() => handleTentativa(letra)}
37           disabled={letrasTentadas.includes(letra) || vitoria || derrota}
38           style={{
39             margin: "5px",
40             padding: "10px",
41             cursor: "pointer",
42             backgroundColor: letrasTentadas.includes(letra) ? "#ccc" : "#eee"
43           }}
44         >
45           {letra}
46         </button>
47       ))}
48     </div>
49
50     {vitoria && <p style={{ color: "green", fontWeight: "bold" }}>🎉 Você venceu!</p>}
51     {derrota && <p style={{ color: "red", fontWeight: "bold" }}>😞 Você perdeu! A palavra era {palavraSecreta}.</p>}}
52   </>
53 )
54 }
55
56 export default Forca

```

JS index.js



JS App.js



JS Forca.js

forca > src > JS App.js > App

```
1  import './App.css';
2  import Forca from './componentes/Forca';
3
4  function App() {
5    return (
6      <div className="App">
7        <header className="App-header">
8          <Forca/>
9        </header>
10      </div>
11    );
12  }
13
14  export default App;
15
```



