

Full stack exercise 2

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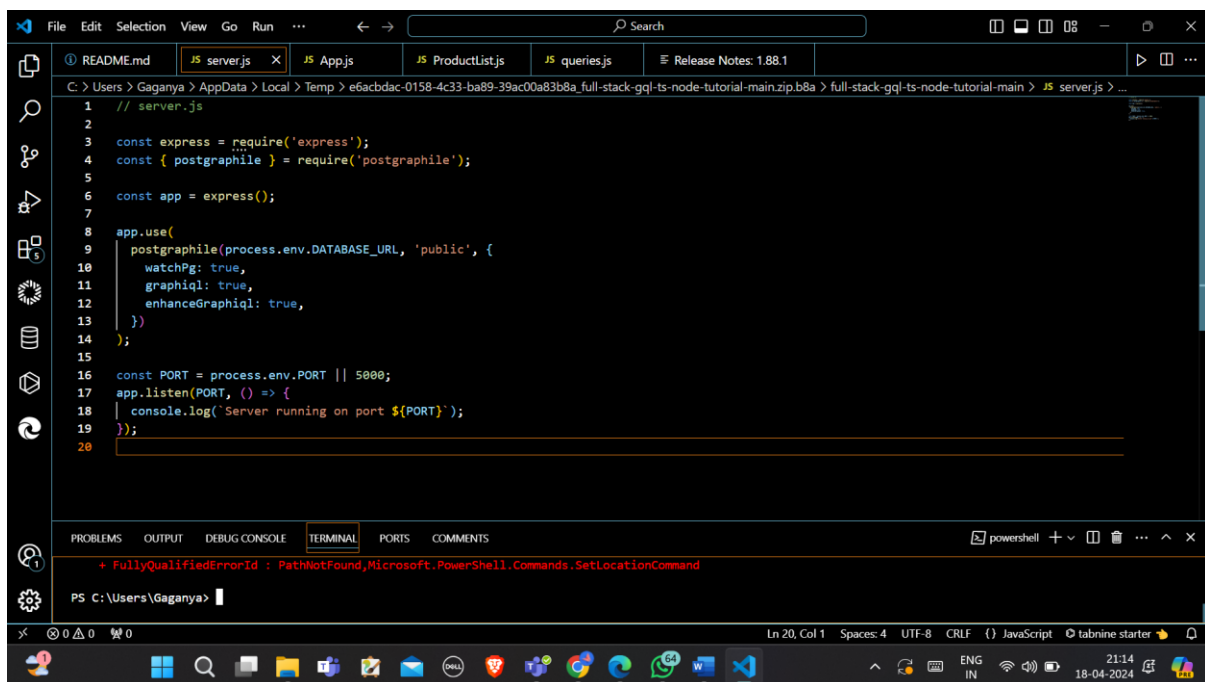
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Exercise :

3 part series

Full stack app (crud plus search enterprise inventory mgmt) built with react , node , graphql , postgraphile and postgres

Code:



The screenshot shows a Visual Studio Code editor with a dark theme. The editor has several tabs open: README.md, JS server.js, JS App.js, JS ProductList.js, JS queries.js, and Release Notes: 1.88.1. The active tab is JS server.js, which contains the following code:

```
1 // server.js
2
3 const express = require('express');
4 const { postgraphile } = require('postgraphile');
5
6 const app = express();
7
8 app.use(
9   postgraphile(process.env.DATABASE_URL, 'public', {
10     watchPg: true,
11     graphql: true,
12     enhanceGraphiql: true,
13   })
14 );
15
16 const PORT = process.env.PORT || 5000;
17 app.listen(PORT, () => {
18   console.log(`Server running on port ${PORT}`);
19 });
20
```

Below the editor is a terminal window with the title "powershell". It shows an error message: "FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.SetLocationCommand". The terminal prompt is "PS C:\Users\Gaganya>". The status bar at the bottom indicates "Ln 20, Col 1", "Spaces: 4", "UTF-8", "CRLF", "JavaScript", and "tabnine starter". The system tray at the bottom right shows the date and time: "21:14 18-04-2024".

The screenshot shows the VS Code editor with the `App.js` file open. The code defines an `App` function that returns a React component. The component uses `ApolloProvider` with a `client` prop and contains a `div` with a `h1` tag and a `ProductList` component. The terminal window at the bottom shows an error message: `+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.SetLocationCommand`. The status bar at the bottom indicates the file is at line 20, column 1, with 4 spaces, UTF-8 encoding, and CRLF line endings. The language is JavaScript and the editor is using the `tabnine` starter.

```
1 // App.js
2
3 import React from 'react';
4 import { ApolloProvider } from '@apollo/client';
5 import client from './client'; // Apollo Client setup
6 import ProductList from './ProductList';
7
8 function App() {
9   return (
10     <ApolloProvider client={client}>
11       <div className="App">
12         <h1>Inventory Management System</h1>
13         <ProductList />
14       </div>
15     </ApolloProvider>
16   );
17 }
18
19 export default App;
20
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.SetLocationCommand

PS C:\Users\Gaganya>

The screenshot shows the VS Code editor with the `ProductList.js` file open. The code defines a `ProductList` function that uses `useQuery` to fetch products. It returns a React component that displays a `h2` tag and a `ul` list of products. The terminal window at the bottom shows an error message: `+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.SetLocationCommand`. The status bar at the bottom indicates the file is at line 26, column 1, with 4 spaces, UTF-8 encoding, and CRLF line endings. The language is JavaScript and the editor is using the `tabnine` starter.

```
1 // ProductList.js
2
3 import React from 'react';
4 import { useQuery } from '@apollo/client';
5 import { GET_PRODUCTS } from './queries';
6
7 function ProductList() {
8   const { loading, error, data } = useQuery(GET_PRODUCTS);
9
10   if (loading) return <p>Loading...</p>;
11   if (error) return <p>Error: {error.message}</p>;
12
13   return (
14     <div>
15       <h2>Products</h2>
16       <ul>
17         {data.products.map((product) => (
18           <li key={product.id}>{product.name}</li>
19         ))}
20       </ul>
21     </div>
22   );
23 }
24
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.SetLocationCommand

PS C:\Users\Gaganya>

