

# React.js Component Creation

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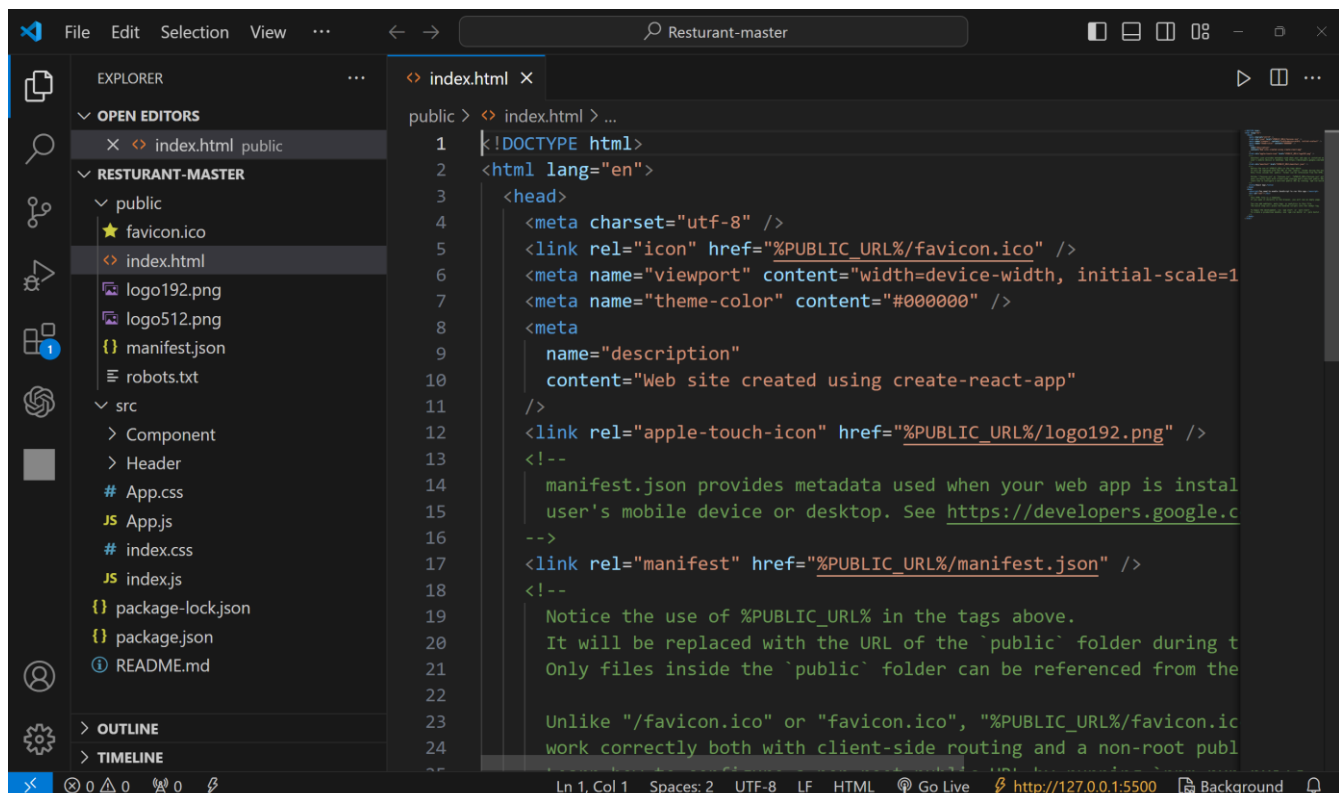
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## source code :

ReactMeals is a web application built using React.js, offering a user-friendly interface to order delicious meals online.



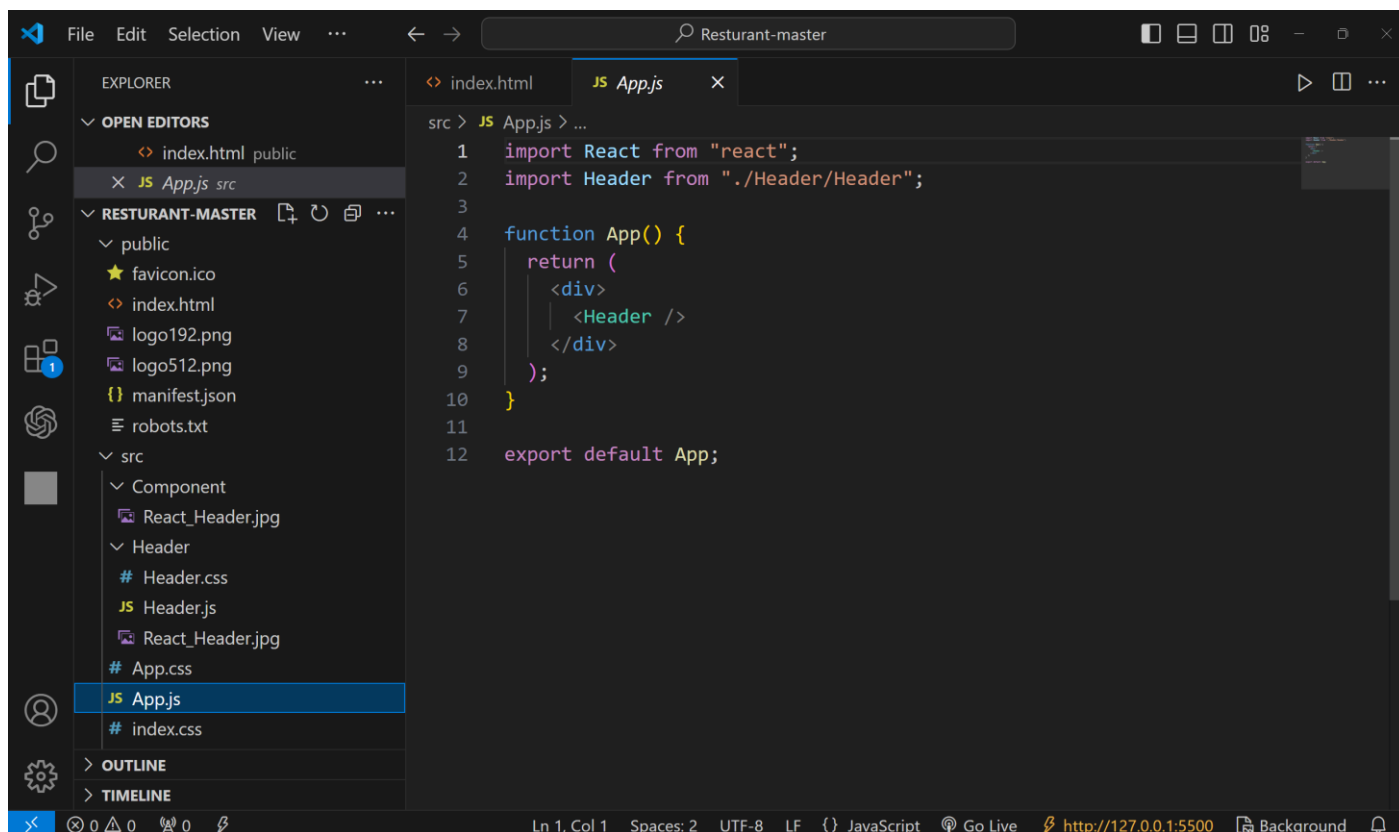
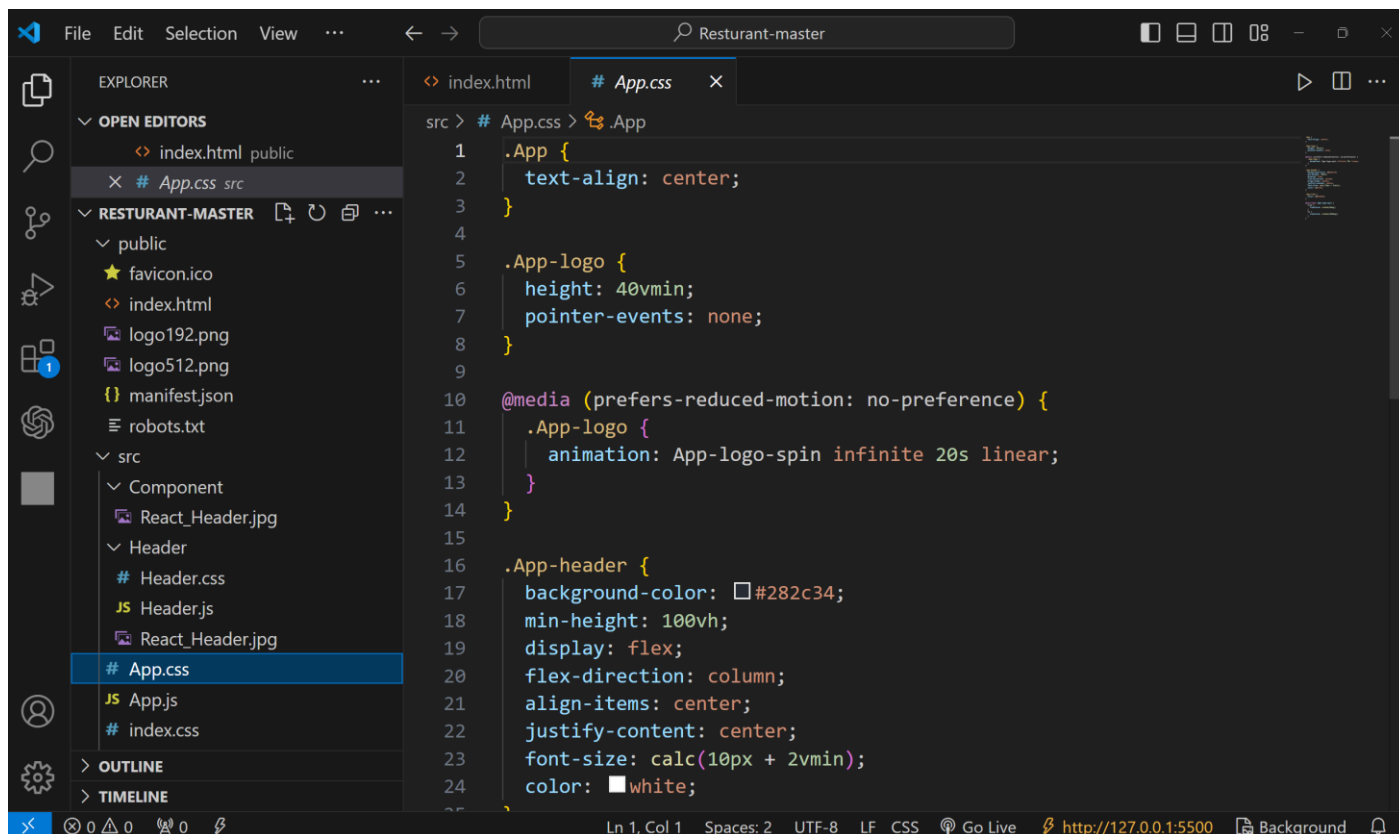
```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="utf-8" />
5     <link rel="icon" href="%PUBLIC_URL%/favicon.ico" />
6     <meta name="viewport" content="width=device-width, initial-scale=1" />
7     <meta name="theme-color" content="#000000" />
8     <meta
9       name="description"
10      content="Web site created using create-react-app"
11    />
12    <link rel="apple-touch-icon" href="%PUBLIC_URL%/logo192.png" />
13    <!--
14      manifest.json provides metadata used when your web app is instal
15      user's mobile device or desktop. See https://developers.google.c
16    -->
17    <link rel="manifest" href="%PUBLIC_URL%/manifest.json" />
18    <!--
19      Notice the use of %PUBLIC_URL% in the tags above.
20      It will be replaced with the URL of the 'public' folder during t
21      Only files inside the 'public' folder can be referenced from the
22
23      Unlike "/favicon.ico" or "favicon.ico", "%PUBLIC_URL%/favicon.ic
24      work correctly both with client-side routing and a non-root publ
```

The screenshot shows the VS Code editor interface with the `package.json` file open in the `RESTURANT-MASTER` project. The Explorer sidebar on the left shows the project structure, including the `public` directory and the `package.json` file. The main editor area displays the content of `package.json`, which includes the project name, version, dependencies, scripts, and ESLint configuration.

```
1 {
2   "name": "react-complete-guide",
3   "version": "0.1.0",
4   "private": true,
5   "dependencies": {
6     "@fortawesome/free-solid-svg-icons": "^6.4.2",
7     "@fortawesome/react-fontawesome": "^0.2.0",
8     "@testing-library/jest-dom": "^5.11.6",
9     "@testing-library/react": "^11.2.2",
10    "@testing-library/user-event": "^12.5.0",
11    "react": "^18.0.0",
12    "react-dom": "^18.0.0",
13    "react-scripts": "^5.0.1",
14    "web-vitals": "^0.2.4"
15  },
16  "scripts": {
17    "start": "react-scripts start",
18    "build": "react-scripts build",
19    "test": "react-scripts test",
20    "eject": "react-scripts eject"
21  },
22  "eslintConfig": {
23    "extends": [
24      "react-app"
25    ]
26  }
27 }
```

The screenshot shows the VS Code editor interface with the `Header.js` file open in the `RESTURANT-MASTER` project. The Explorer sidebar on the left shows the project structure, including the `Header` directory and the `Header.js` file. The main editor area displays the content of `Header.js`, which includes imports for React, useState, FontAwesomeIcon, faShoppingCart, and meals, and a function `Header` that returns a JSX element.

```
1 import React from 'react';
2 import { useState } from 'react';
3 import { FontAwesomeIcon } from '@fortawesome/react-fontawesome';
4 import { faShoppingCart } from '@fortawesome/free-solid-svg-icons';
5 import meals from "../components/meals.jpg";
6
7 import './Header.css';
8
9 const Header = () => {
10   const [itemCount] = useState(0);
11
12   return (
13     <>
14       <header>
15         <h1>
16           <a href="/">ReactMeals</a>
17         </h1>
18         <div className="cart-button">
19           <a href="/cart">
20             <FontAwesomeIcon icon={faShoppingCart} /> Your Cart
21           </a>
22           <span className="cart-count">{itemCount}</span>
23         </div>
24       </header>
25     </>
26   );
27 }
```



This screenshot shows the Visual Studio Code editor with the `index.css` file open. The Explorer sidebar on the left shows the project structure for `RESTURANT-MASTER`, with `src/index.css` selected. The main editor area displays the CSS code:

```
src > # index.css > ...
1  @import url('https://fonts.googleapis.com/css2?family=Noto+Sans+JP:wght@400;700;900&display=block');
2
3  * {
4    box-sizing: border-box;
5  }
6
7  html {
8    font-family: 'Noto Sans JP', sans-serif;
9  }
10
11  /* body {
12     margin: 0;
13     background-color: #3f3f3f;
14   }*/
15
16
```

The status bar at the bottom indicates the cursor is at line 13, column 29, in a CSS file using UTF-8 encoding and LF line endings. It also shows the Go Live extension and the local server URL `http://127.0.0.1:5500`.

This screenshot shows the Visual Studio Code editor with the `index.js` file open. The Explorer sidebar on the left shows the project structure for `RESTURANT-MASTER`, with `src/index.js` selected. The main editor area displays the JavaScript code:

```
src > JS index.js > ...
1  import ReactDOM from 'react-dom/client';
2
3  import './index.css';
4  import App from './App';
5
6  const root = ReactDOM.createRoot(document.getElementById('root'));
7  root.render(<App />);
8
```

The status bar at the bottom indicates the cursor is at line 8, column 1, in a JavaScript file using UTF-8 encoding and LF line endings. It also shows the Go Live extension and the local server URL `http://127.0.0.1:5500`.

# Output:

