

# Folder Structure:-

## OPEN EDITORS

X JS App.js src M

## BLOG

node\_modules

public

src

.gitignore

package-lock.json

package.json

README.md

```
2 import logo from '../logo.svg';
3 import './App.css';
4
5 function App() {
6   return (
7     <div className="App">
8       <header className="App-header">
9         <img src={logo} className="App-logo" alt="logo" />
10
11         <a
12           className="App-link"
13           href="https://reactjs.org"
14           target="_blank"
15           rel="noopener noreferrer"
```

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JS App.js src M

× {} package.json

#### BLOG

▸ node\_modules

▸ public

▸ src

◆ .gitignore

{} package-lock.json

{} package.json

ⓘ README.md

```
1  {
2    "name": "blog",
3    "version": "0.1.0",
4    "private": true,
5    "dependencies": {
6      "react": "^16.9.0",
7      "react-dom": "^16.9.0",
8      "react-scripts": "3.1.2"
9    },
10   "scripts": {
11     "start": "react-scripts start",
12     "build": "react-scripts build",
13     "test": "react-scripts test",
14     "eject": "react-scripts eject"
15   }
16 }
```

- Package .json File :-this is the main file ,application dependency and meta information stored ,app name,version ,package if we install core package this info store in this file.

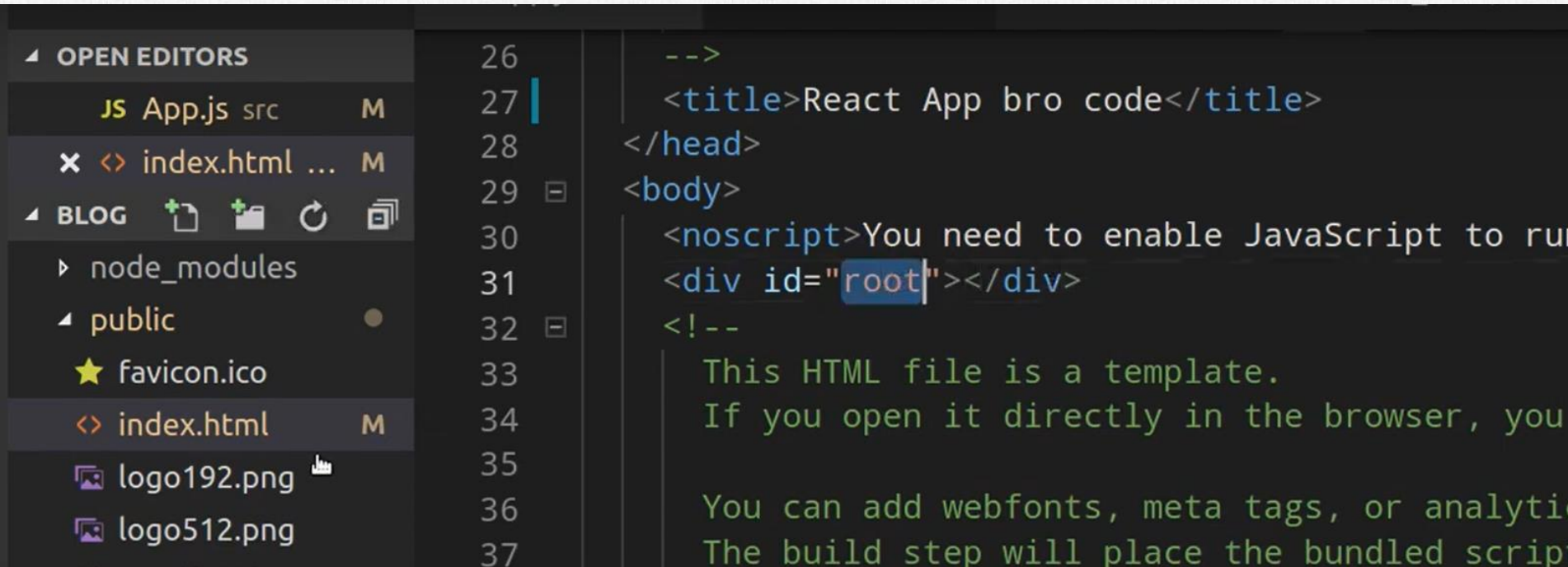
# Package.lock.json

---

- All dependency details stored .
  - Gitignore:--store git info
  - Node\_Modules:--all the package store here.
  - For ex:--if we need google lib or validation lib ,all the library store in this .
  - Public:--store icon ,Images,Index.html
  - Index file is the entry point of application.
-



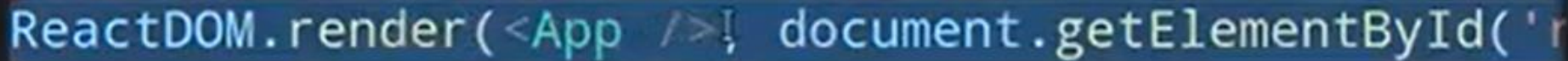
- Index page id="root" .



```
26  -->
27  <title>React App bro code</title>
28  </head>
29  <body>
30  <noscript>You need to enable JavaScript to run this app.</noscript>
31  <div id="root"></div>
32  <!--
33  This HTML file is a template.
34  If you open it directly in the browser, you will see this message.
35
36  You can add webfonts, meta tags, or analytics in this file.
37  The build step will place the bundled scripts into the <body> tag.
```

# Src Folder:-

- This is the entry point of React.
- Index.js:--React start from this file .
- All the code we have to do inside src folder.



```
ReactDOM.render(<App />, document.getElementById('root'))
```

- React application is render from Index.js file
- Using ReactDOM.render method, and calling root id from index page.
- React application bind to the html application code bind with root id



- App.js is the inbuild component

#### OPEN EDITORS

× JS App.js src M

JS index.js src

<> index.html ... M

#### BLOG

# App.css

JS App.js M

JS App.test.js

# index.css

JS index.js

logo.svg

JS serviceWorker.js

```
1  import React from 'react';
2  import logo from './logo.svg';
3  import './App.css';
4
5  function App() {
6    return (
7      <div className="App">
8        <header className="App-header">
9          <img src={logo} className="App-logo" alt="logo" />
10
11        <a
12          className="App-link"
13          href="https://reactjs.org"
14          target="blank"
```

- this is import inside index.js file.

# Call the app.js component inside the index.js file

## OPEN EDITORS

JS App.js src M

✕ JS index.js src

<> index.html ... M

## BLOG

src

# App.css

JS App.js M

JS App.test.js

# index.css

JS index.js

```
1 import React from 'react';
2 import ReactDOM from 'react-dom';
3 import './index.css';
4 import App from './App';
5 import * as serviceWorker from './serviceWorker';
6
7 ReactDOM.render(<App />, document.getElementById('root'));
8
9 // If you want your app to work offline and load faster without net requests,
10 // unregister() to register() below. Note this comes after the loading of App.
11 // Learn more about service workers: https://bit.ly/CRA-PWA
12 serviceWorker.unregister();
```



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- App.test.js:-this is for unit test
  - Service.Worker.js :--cache ,Push notification.
  - RRADME.MD FILE:-Tells how to start,build the project,command stored in this file.



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<> index.html ... M

▲ BLOG

▸ node\_modules

▸ public ●

▸ src ●

🔍 .gitignore

{ } package-lock.json

{ } package.json

ⓘ README.md

```
15   ### npm test
16
17   Launches the test runner in the interactive watch
mode.<br>
18   See the section about [running tests]
(https://facebook.github.io/create-react-app/docs/running-tests) for more
information.
19
20   ### `npm run build`
21
22   Builds the app for production to the `build`
folder.<br>
23   It correctly bundles React in production mode and
optimizes the build for the best performance.
```

Thanks