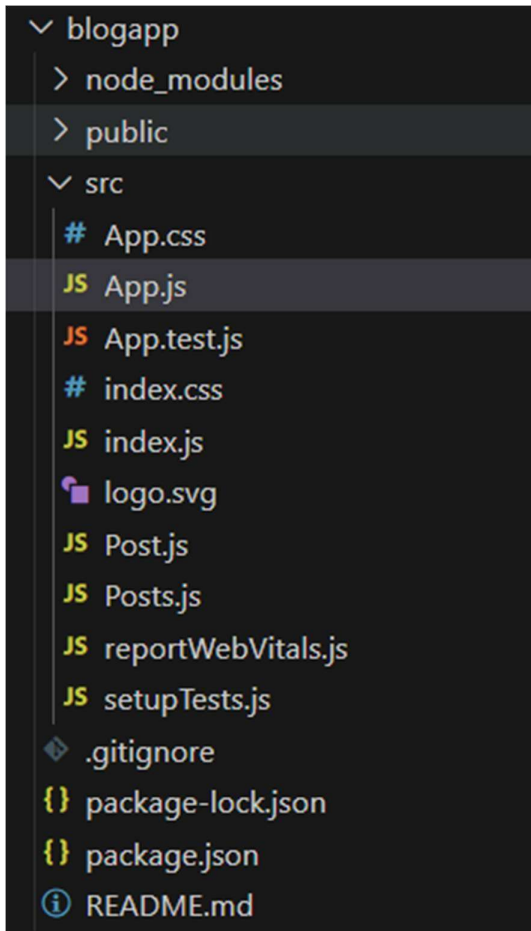


React

4. ReactJS-HOL

Created a react project and names it as blogapp



Created two files in src

1. Post.js
2. Posts.js

Posts.js

```
blogapp > src > JS Posts.js > Posts > render
1  import React from 'react';
2  import Post from './Post';
3
4  class Posts extends React.Component {
5    constructor(props) {
6      super(props);
7      this.state = {
8        posts: [],
9      };
10   }
11
12   loadPosts() {
13     fetch('https://jsonplaceholder.typicode.com/posts')
14       .then((response) => response.json())
15       .then((data) => {
16         const postObjects = data.map(
17           (item) => new Post(item.id, item.title, item.body)
18         );
19         this.setState({ posts: postObjects });
20       })
21       .catch((error) => {
22         console.error('Failed to load posts:', error);
23       });
24   }
25
26   componentDidMount() {
27     this.loadPosts();
28   }
29
30   render() {
31     return (
32       <div style={{ padding: '20px' }}>
33         <h1>Blog Posts</h1>
34         {this.state.posts.map((post) => (
35           <div
36             key={post.id}
37             style={{ marginBottom: '20px', borderBottom: '1px solid #ccc' }}
38           >
39             <h2>{post.title}</h2>
40             <p>{post.body}</p>
41           </div>
42         ))}
43       </div>
44     );
45   }
46
47   componentDidCatch(error, info) {
48     alert('An error occurred while rendering the posts.');
```

```
49     console.error('Error caught in Posts component:', error, info);
50   }
51 }
52
53 export default Posts;
54
```

Post.js

```
blogapp > src > JS Post.js > [🔗] default
1  class Post {
2      constructor(id, title, body){
3          this.id=id;
4          this.title=title;
5          this.body=body;
6      }
7  }
8  export default Post;
```

Updatons in App.js

```
blogapp > src > JS App.js > ...
1  import logo from './logo.svg';
2  import './App.css';
3  import Posts from './Posts'; |
4
5  function App() {
6      return (
7          <div className="App">
8              <Posts/>
9          </div>
10     );
11 }
12
13 export default App;
14
```

OUTPUT:

