## 4. ReactJS-HOL

## Code:

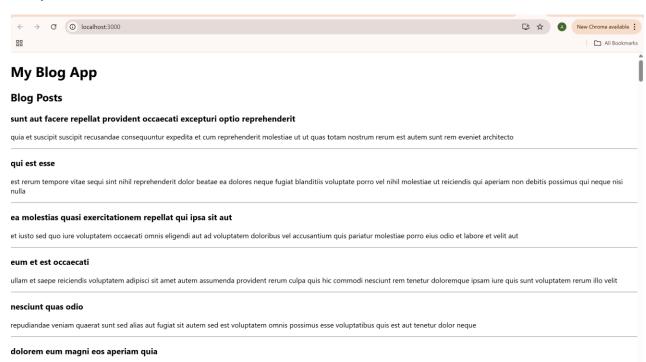
posts: [],

```
App.js:
import React from "react";
import Posts from "./Posts"; // ← Import your Posts component
function App() {
return (
  <div className="App">
   <h1>My Blog App</h1>
   <Posts />
  </div>
);
}
export default App;
Post.js:
class Post {
 constructor(id, title, body) {
   this.id = id;
   this.title = title;
   this.body = body;
 }
}
export default Post;
Posts.js:
import React from "react";
import Post from "./Post";
class Posts extends React.Component {
constructor(props) {
 super(props);
  this.state = {
```

```
};
}
loadPosts() {
 fetch("https://jsonplaceholder.typicode.com/posts")
  .then((response) => response.json())
  .then((data) => {
   const postObjects = data.map(
    (item) => new Post(item.id, item.title, item.body)
   );
   this.setState({ posts: postObjects });
  })
  .catch((error) => {
   console.error("Error fetching posts:", error);
  });
}
componentDidMount() {
this.loadPosts();
}
render() {
 return (
  <div>
   <h2>Blog Posts</h2>
   {this.state.posts.map((post) => (
    <div key={post.id}>
     <h3>{post.title}</h3>
     {post.body}
     <hr />
    </div>
   ))}
  </div>
);
}
componentDidCatch(error, info) {
 alert("Something went wrong in Posts component!");
```

```
console.log(error, info);
}
export default Posts;
```

## **Output:**



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