Task:

Create a simple React app that allows users to view and create posts. The app should use the JSONPlaceholder API to fetch and store the posts.

Requirements:

* Use React Router to create a route for the list of posts and a route for each individual post.
* Use useState to store the list of posts and the current post.
* Use useEffect to fetch the posts from the API whenever the page loads.
* Use useMemo to memoize the posts so that they are not re-fetched unnecessarily.

Steps:

1. Create a new React app.
2. Install the react-router-dom package.
3. Create a new component called PostList.
4. In the PostList component, add a state variable to store the list of posts.
5. Use the useEffect hook to fetch the posts from the API whenever the page loads.
6. Display the list of posts in the PostList component.

Create a new component called PostPage.

1. In the PostPage component, add a state variable to store the current post.
2. Use the useParams hook to get the ID of the post from the URL.
3. Use the useEffect hook to fetch the post from the API whenever the ID of the post changes.
4. Display the post in the PostPage component.

**Create a new route for the list of posts.**

<Route path="/" exact component={} />

**Create a new route for each individual post.**

<Route path="/posts/:id" component={} />

Tips:

* You can use the useParams hook to get the ID of the post from the URL.
* You can use the useEffect hook to fetch the posts from the API whenever the list of posts changes or when the ID of the post changes.
* You can use the <Link> component to create links to the individual post pages.