TASK 4
blogapp

Objective:
Fetch posts from API using componentDidMount and display them using child component.

COMMAND PROMPT:

npx create-react-app blogapp
cd blogapp
npm start

VSCODE:

src/Post.js

```
import React from 'react';
function Post(props) {
  return (
    <div>
      <h3>{props.title}</h3>
      <p>{props.body}</p>
    </div>
  );
}
export default Post;
```

src/Posts.js

```
import React, { Component } from 'react';
import Post from './Post';
class Posts extends Component {
  constructor(props) {
    super(props);
    this.state = { posts: [] };
  }
  loadPosts() {
    fetch('https://jsonplaceholder.typicode.com/posts')
      .then(response => response.json())
      .then(data => this.setState({ posts: data }))
      .catch(error => console.error('Error:', error));
  }
  componentDidMount() {
    this.loadPosts();
  }
  render() {
```

```
    return (
      <div>
        <h2>Blog Posts</h2>
        {this.state.posts.slice(0, 5).map(post => (
          <Post key={post.id} title={post.title} body={post.body} />
        ))}
      </div>
    );
  }
}
export default Posts;
```

src/App.js

```
import React from 'react';
import Posts from './Posts';
function App() {
  return (
    <div>
      <Posts />
    </div>
  );
}
export default App;
```

OUTPUT:
Shows list of 5 blog posts with titles and content fetched from API.

SCREENSHOT: