**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:**

