**WEEK 6 : REACT Hands On 4**

**Creating a Blog React Application**

**Code :**

**Post.js**

class Post {

  constructor(userId, id, title, body) {

    this.userId = userId;

    this.id = id;

    this.title = title;

    this.body = body;

  }

}

export default Post;

**Posts.js**

import React, { Component } from 'react';

import Post from './Post';

class Posts extends Component {

  constructor(props) {

    super(props);

    this.state = {

      posts: [],

      error: null,

    };

  }

  loadPosts = async () => {

    try {

      const response = await fetch('https://jsonplaceholder.typicode.com/posts');

      const data = await response.json();

      const posts = data.map(p => new Post(p.userId, p.id, p.title, p.body));

      this.setState({ posts });

    } catch (error) {

      this.setState({ error });

      throw error; // Let componentDidCatch handle it

    }

  };

  componentDidMount() {

    this.loadPosts();

  }

  componentDidCatch(error, info) {

    alert("Something went wrong: " + error.message);

    console.error("Error caught in componentDidCatch:", error, info);

  }

  render() {

    const { posts } = this.state;

    return (

      <div>

        <h2>Posts List</h2>

        {posts.map(post => (

          <div key={post.id}>

            <h3>{post.title}</h3>

            <p>{post.body}</p>

          </div>

))}

      </div>

    );

  }

}

export default Posts;

**App.js**

import React from 'react';

import Posts from './Posts';

function App() {

  return (

    <div className="App">

      <h1>Blog Application</h1>

      <Posts />

    </div>

  );

}

export default App;

**OUTPUT:**

