**HANDS ON=>4**

1. **Create a new react application using *create-react-app* tool with the name as “blogapp”**
2. **Open the application using VS Code**
3. **Create a new file named as Post.js in src folder with following properties**

**blogapp**

**post.js**

import React from 'react';

export default function Post(props) {

  return (

    <div style={{ border: "1px solid #ddd", padding: "10px", marginBottom: "10px" }}>

      <h2>{props.title}</h2>

      <p>{props.body}</p>

    </div>

  );

}

**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() {

    fetch("https://jsonplaceholder.typicode.com/posts")

      .then((res) => res.json())

      .then((data) => {

        this.setState({ posts: data });

      })

      .catch((err) => {

        this.setState({ error: err });

      });

  }

  componentDidMount() {

    this.loadPosts();

  }

  componentDidCatch(error, info) {

    alert('Something went wrong!');

    console.error("Caught an error:", error, info);

  }

  render() {

    if (this.state.error) {

      return <h2>Error loading posts.</h2>;

    }

    return (

      <div>

        <h1>Blog Posts</h1>

        {this.state.posts.map(post => (

          <Post key={post.id} title={post.title} body={post.body} />

        ))}

      </div>

    );

  }

}

export default Posts;

**App.js**

import React from 'react';

import Posts from './Posts';

function App() {

  return (

    <div className="App">

      <Posts />

    </div>

  );

}

export default App;

Output









