**Ex 4 :**

**Article.js**

import React from 'react';

class Article extends React.Component {

render() {

const { title, body } = this.props;

return (

<div style={{

backgroundColor: '#fef9f4',

border: '2px solid #ffa94d',

borderRadius: '10px',

padding: '15px',

marginBottom: '20px',

boxShadow: '0 4px 8px rgba(0,0,0,0.1)'

}}>

<h2 style={{ color: '#d9480f' }}>{title}</h2>

<p style={{ color: '#495057' }}>{body}</p>

</div>

);

}

}

export default Article;

**ArticleList.js**

import React, { Component } from 'react';

import Article from './Article';

class ArticleList extends Component {

constructor(props) {

super(props);

this.state = {

articles: [],

hasError: false

};

}

fetchArticles = () => {

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

.then((res) => res.json())

.then((data) => this.setState({ articles: data.slice(0, 10) }))

.catch((error) => {

this.setState({ hasError: true });

console.error('Fetch failed:', error);

});

};

componentDidMount() {

this.fetchArticles();

}

componentDidCatch(error, info) {

alert('Error occurred while rendering: ' + error.message);

console.error('Error Info:', info);

}

render() {

return (

<div style={{ margin: '30px auto', maxWidth: '800px' }}>

<h1 style={{ textAlign: 'center', color: '#ff922b' }}>Latest Articles</h1>

{this.state.articles.map((article) => (

<Article key={article.id} title={article.title} body={article.body} />

))}

</div>

);

}

}

export default ArticleList;

**App.js**

import React from 'react';

import ArticleList from './ArticleList';

function App() {

return (

<div className="App">

<ArticleList />

</div>

);

}

export default App;

**Output :** 