**🛠️ Axios in React (Example)**

```jsx

import React, { useEffect, useState } from 'react';

import axios from 'axios';

function UserList() {

const [users, setUsers] = useState([]);

useEffect(() => {

async function getUsers() {

try {

const response = await axios.get('https://api.example.com/users');

setUsers(response.data);

} catch (error) {

console.error('Failed to fetch users:', error);

}

}

getUsers();

}, []);

return (

<ul>

{users.map(user => <li key={user.id}>{user.name}</li>)}

</ul>

);

}

**🔐 Additional Features**

\* \*\*Set default headers\*\* (e.g., for authentication):

```js

axios.defaults.headers.common['Authorization'] = 'Bearer token123';

Request/response interceptors\*\* for logging or modifying data.

Cancel tokens\*\* for aborting requests.

**✅ Basic Usage in React**

**1. GET request example:**

import React, { useEffect, useState } from 'react';

import axios from 'axios';

function Users() {

const [users, setUsers] = useState([]);

useEffect(() => {

axios.get('https://jsonplaceholder.typicode.com/users')

.then(response => {

setUsers(response.data);

})

.catch(error => {

console.error('Error fetching users:', error);

});

}, []);

return (

<div>

<h2>User List</h2>

{users.map(user => (

<div key={user.id}>{user.name}</div>

))}

</div>

);

}

export default Users;

2. **POST request example:**

import React, { useState } from 'react';

import axios from 'axios';

function CreatePost() {

const [title, setTitle] = useState('');

const handleSubmit = (e) => {

e.preventDefault();

axios.post('https://jsonplaceholder.typicode.com/posts', {

title: title,

body: 'Post body content',

userId: 1,

})

.then(response => {

console.log('Post created:', response.data);

})

.catch(error => {

console.error('Error creating post:', error);

});

};

return (

<form onSubmit={handleSubmit}>

<input

type="text"

value={title}

onChange={e => setTitle(e.target.value)}

placeholder="Enter title"

/>

<button type="submit">Create Post</button>

</form>

);

}

export default CreatePost;

**🔁 Other HTTP Methods**

* axios.put(url, data)
* axios.patch(url, data)
* axios.delete(url)