HTTP(41):

1. npm install axios

HTTP(42):Get request and render the deta:

1.Import axios library on component[import axios from 'axios';]

2.We need to create a state property which will store the list of post.

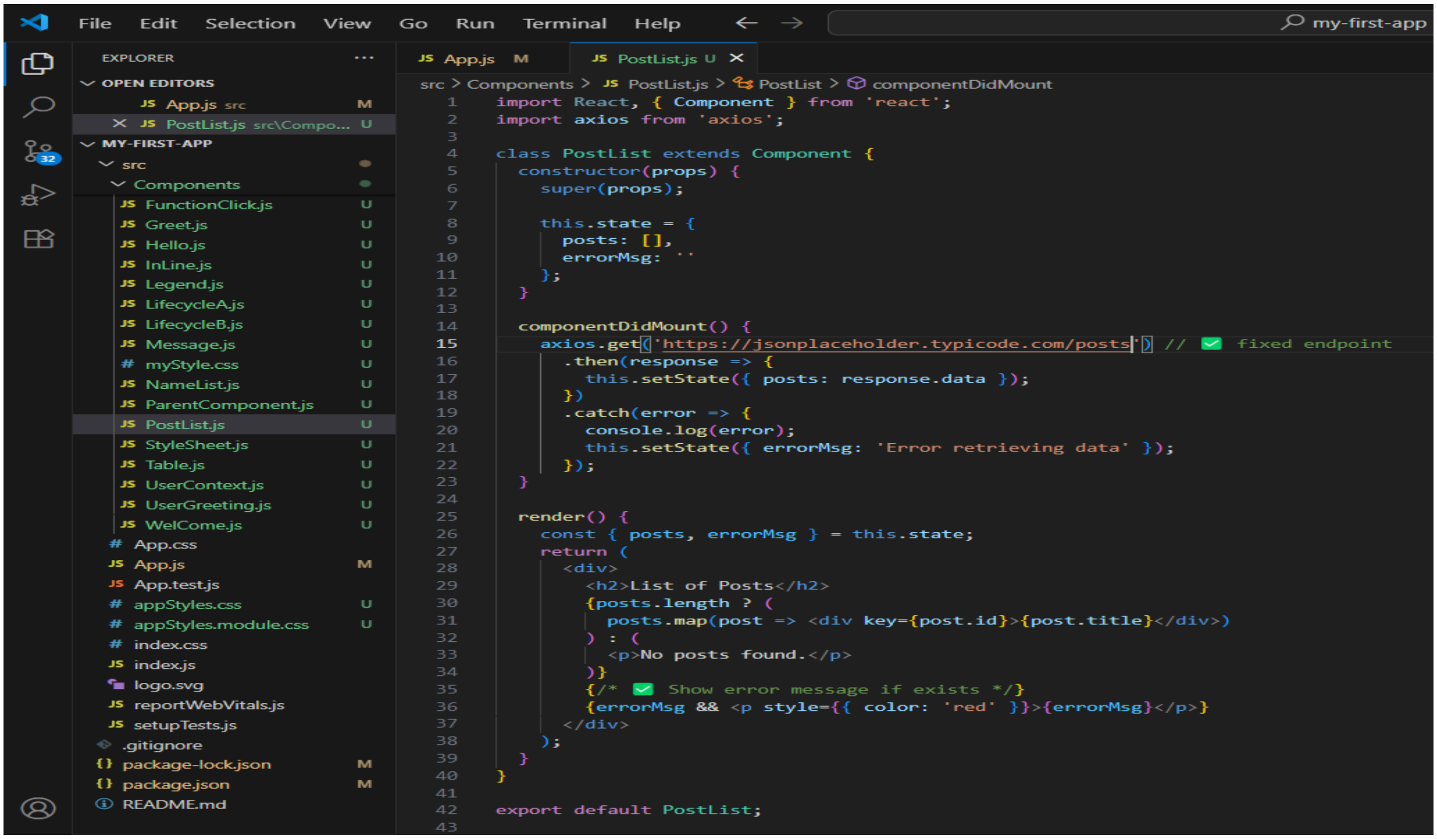
```
class PostList extends Component {
constructor(props){
super(props)
this.state ={
post: {}
}
}
```

3.use axios to make a get request to the JSON placeholder API the question though is where do we place the code to make the get request the answer is in the component did mount lifecycle method.

```
  componentDidMount() {
    axios.get('https://jsonplaceholder.typicode.com/posts')
      .then(response => {
        console.log(response);
        this.setState({
          posts: response.data
        });
      })
      .catch(error => {
        console.log(error);
      });
  }

  render() {
    const { posts } = this.state;
    return (
```

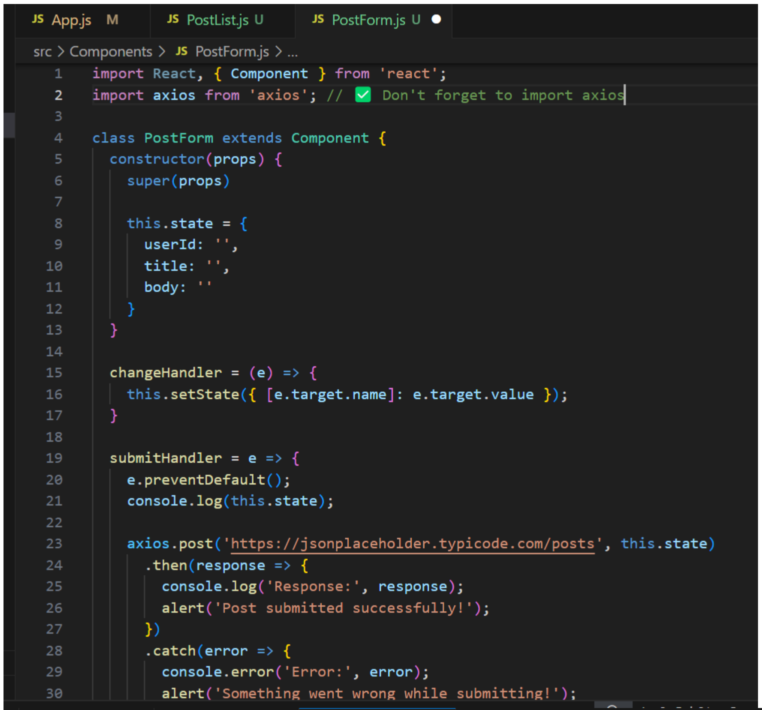
From the api page ,it is a link

```
      <div>
        <h2>List of Posts</h2>
        {
          posts.length ? (
            posts.map(post => <div key={post.id}>{post.title}</div>)
          ) : (
            <p>No posts found.</p>
          )
        }
      </div>
    );
  }
}
```

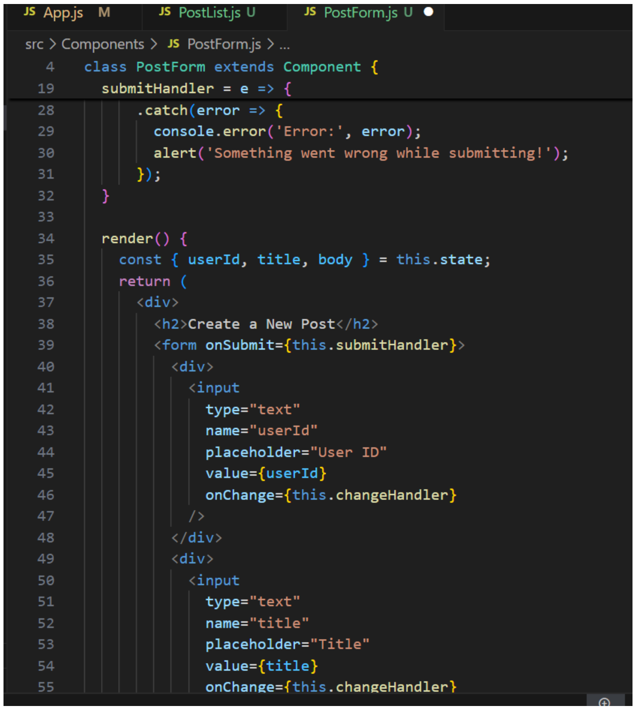


```
import React, { Component } from 'react';
import axios from 'axios';

class PostList extends Component {
  constructor(props) {
    super(props);

    this.state = {
      posts: [],
      errorMsg: ''
    };
  }

  componentDidMount() {
    axios.get('https://jsonplaceholder.typicode.com/posts') // ✅ fixed endpoint
      .then(response => {
        this.setState({ posts: response.data });
      })
      .catch(error => {
        console.log(error);
        this.setState({ errorMsg: 'Error retrieving data' });
      });
  }

  render() {
    const { posts, errorMsg } = this.state;
    return (
      <div>
        <h2>List of Posts</h2>
        {posts.length ? (
          posts.map(post => <div key={post.id}>{post.title}</div>)
        ) : (
          <p>No posts found.</p>
        )}
        {/* ✅ Show error message if exists */}
        {errorMsg && <p style={{ color: 'red' }}>{errorMsg}</p>}
      </div>
    );
  }
}

export default PostList;
```

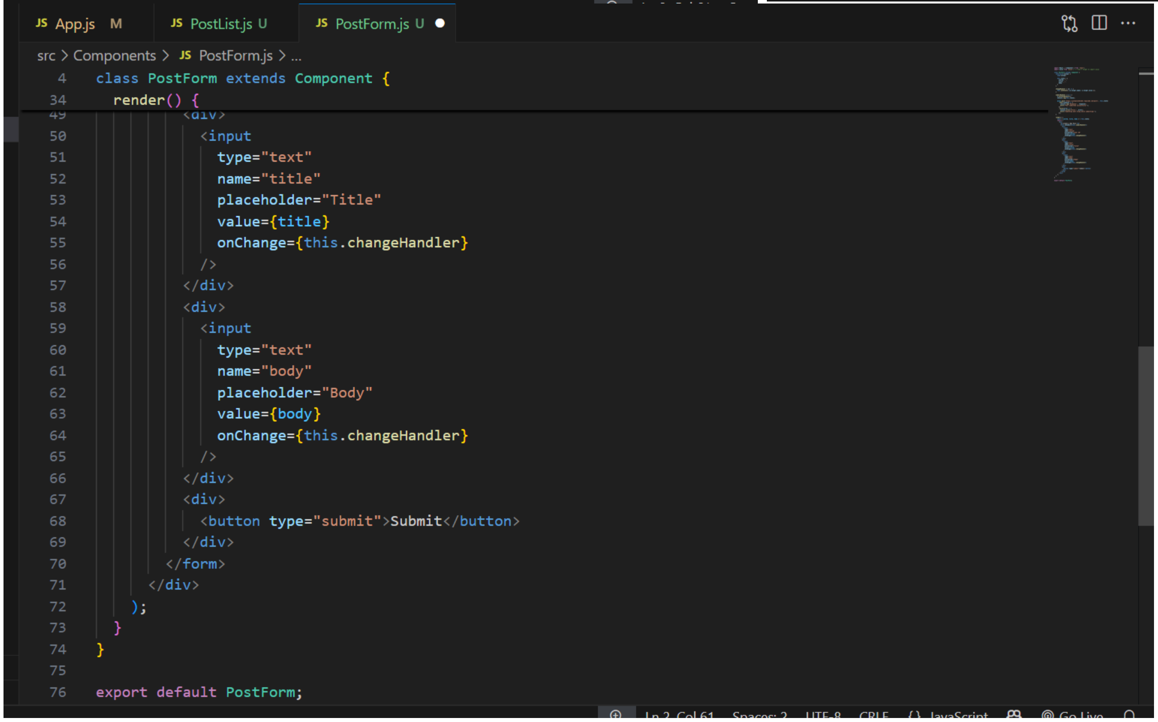
HTTP(43):HTTP POST



```
import React, { Component } from 'react';
import axios from 'axios'; // ✅ Don't forget to import axios

class PostForm extends Component {
  constructor(props) {
    super(props)

    this.state = {
      userId: '',
      title: '',
      body: ''
    }
  }

  changeHandler = (e) => {
    this.setState({ [e.target.name]: e.target.value });
  }

  submitHandler = e => {
    e.preventDefault();
    console.log(this.state);

    axios.post('https://jsonplaceholder.typicode.com/posts', this.state)
      .then(response => {
        console.log('Response:', response);
        alert('Post submitted successfully!');
      })
      .catch(error => {
        console.error('Error:', error);
        alert('Something went wrong while submitting!');
```



```
class PostForm extends Component {
  submitHandler = e => {
      .catch(error => {
        console.error('Error:', error);
        alert('Something went wrong while submitting!');
      });
  }

  render() {
    const { userId, title, body } = this.state;
    return (
      <div>
        <h2>Create a New Post</h2>
        <form onSubmit={this.submitHandler}>
          <div>
            <input
              type="text"
              name="userId"
              placeholder="User ID"
              value={userId}
              onChange={this.changeHandler}
            />
          </div>
          <div>
            <input
              type="text"
              name="title"
              placeholder="Title"
              value={title}
              onChange={this.changeHandler}
```



```
class PostForm extends Component {
  render() {
          <div>
            <input
              type="text"
              name="title"
              placeholder="Title"
              value={title}
              onChange={this.changeHandler}
            />
          </div>
          <div>
            <input
              type="text"
              name="body"
              placeholder="Body"
              value={body}
              onChange={this.changeHandler}
            />
          </div>
          <div>
            <button type="submit">Submit</button>
          </div>
        </form>
      </div>
    );
  }
}

export default PostForm;
```