<https://www.digitalocean.com/community/tutorials/react-axios-react#prerequisites>

[JSONPlaceholder - Free Fake REST API (typicode.com)](https://jsonplaceholder.typicode.com/)

[Reqres - A hosted REST-API ready to respond to your AJAX requests](https://reqres.in/)

import React, { Component } from 'react'

import axios from 'axios';

export default class Person extends Component {

  state = {

    persons: []

  }

  componentDidMount() {

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

      .then(res => {

        const persons = res.data;

        this.setState({ persons });

      })

  }

  render() {

    return (

      <div>

         <ul>

      {

        this.state.persons

          .map(person =>

            <li key={person.id}>{person.name}</li>

          )

      }

    </ul></div>

    )

  }

}

Post

import React from 'react';

import axios from 'axios';

export default class PersonAdd extends React.Component {

  state = {

    name: ''

  }

  handleChange = event => {

    this.setState({ name: event.target.value });

  }

  handleSubmit = event => {

    event.preventDefault();

    const user = {

      name: this.state.name

    };

    axios.post(`https://jsonplaceholder.typicode.com/users`, { user })

      .then(res => {

        console.log(res);

        console.log(res.data);

      })

  }

  render() {

    return (

      <div>

        <form onSubmit={this.handleSubmit}>

          <label>

            Person Name:

            <input type="text" name="name" onChange={this.handleChange} />

          </label>

          <button type="submit">Add</button>

        </form>

      </div>

    )

  }

}

Delete

import React from 'react';

import axios from 'axios';

export default class PersonRemove extends React.Component {

  state = {

    id: ''

  }

  handleChange = event => {

    this.setState({ id: event.target.value });

  }

  handleSubmit = event => {

    event.preventDefault();

    axios.delete(`https://jsonplaceholder.typicode.com/users/${this.state.id}`)

      .then(res => {

        console.log(res);

        console.log(res.data);

      })

  }

  render() {

    return (

      <div>

        <form onSubmit={this.handleSubmit}>

          <label>

            Person ID:

            <input type="number" name="id" onChange={this.handleChange} />

          </label>

          <button type="submit">Delete</button>

        </form>

      </div>

    )

  }

}

Edit

import React from 'react';

import axios from 'axios';

export default class PersonEdit extends React.Component {

  state = {

    name: ''

  }

  handleChange = event => {

    this.setState({ id: event.target.value });

    this.setState({ name: event.target.value });

  }

  handleSubmit = event => {

    event.preventDefault();

    const user = {

      title: this.state.title

    };

    axios.put(`https://reqres.in/api/articles/${this.state.id}`, { user })

      .then(res => {

        console.log(res);

        console.log(res.data);

      })

  }

  render() {

    return (

      <div>

        <form onSubmit={this.handleSubmit}>

        <label>

            Person ID:

            <input type="number" name="id" onChange={this.handleChange} />

          </label>

          <label>

            Person Name:

            <input type="text" name="title" onChange={this.handleChange} />

          </label>

          <button type="submit">Add</button>

        </form>

      </div>

    )

  }

}