WEEK 1: Homework

Directions: Make a copy of this google document

Finish Watching OR Re-Watch Video: <https://www.youtube.com/watch?v=sBws8MSXN7A&t=162s>

As you are watching the accompanying code open on your editor and make comments in the code that help to clarify or explain things that are happening.

Then copy and paste those comments with any relevant code onto this document.

When you are finished share a link to your completed document.

For example:

//these are "child" components that are brought in from somewhere else in the application folder

import Header from './components/layout/Header';

import Todos from './components/Todos';

import AddTodo from './components/AddTodo';

import About from './components/pages/About';

You should have at least 20 comments but maybe more.

|  |
| --- |
|  |
|  | //these are “child” components that are brought in from somewhere in the application folder    import { BrowserRouter as Router, Route } from 'react-router-dom'; |
|  | import Header from './components/layout/Header'; |
|  | import Todos from './components/Todos'; |
|  | import AddTodo from './components/AddTodo'; |
|  | import About from './components/pages/About'; |
|  | import uuid from 'uuid'; |
|  | import axios from 'axios'; |
|  |  |
|  | import './App.css';  //this is referral to style file App.css |
|  | // This is defining new class APP Component |
|  | class App extends Component { |
|  | state = { |
|  | todos: []. //Create new module todos |
|  | }; |
|  | //establishing new function DiDMount |
|  | componentDidMount() { |
|  | axios |
|  | .get('<https://jsonplaceholder.typicode.com/todos?_limit=10>') |
|  | .then(res => this.setState({ todos: res.data })); |
|  | } |
|  |  |
|  | // Complete cycle rot TODO list |
|  | markComplete = id => { |
|  | this.setState({ |
|  | todos: this.state.todos.map(todo => { |
|  | if ([todo.id](http://todo.id/) === id) { |
|  | todo.completed = !todo.completed; |
|  | } |
|  | return todo; |
|  | }) |
|  | }); |
|  | }; |
|  |  |
|  | // creating Delete module for TODO |
|  | delTodo = id => { |
|  | axios.delete(`[https://jsonplaceholder.typicode.com/todos/${id}`).then(res](https://jsonplaceholder.typicode.com/todos/$%7Bid%7D).then(res) => |
|  | this.setState({ |
|  | todos: [...this.state.todos.filter(todo => [todo.id](http://todo.id/) !== id)] //rendering app component |
|  | }) |
|  | ); |
|  | }; |
|  |  |
|  | // Creating ADD module for TOTO |
|  | addTodo = title => { |
|  | Axios //rendering app component |
|  | .post('<https://jsonplaceholder.typicode.com/todos>', { |
|  | title, |
|  | completed: false |
|  | })  //rendering app component from react library |
|  | .then(res => { |
|  | [res.data.id](http://res.data.id/) = uuid.v4(); |
|  | this.setState({ todos: [...this.state.todos, res.data] }); |
|  | }); |
|  | }; |
|  |  |
|  | render() { |
|  | return ( |
|  | <Router> |
|  | <div className="App"> //defining Toto list HTML block |
|  | <div className="container"> |
|  | <Header />. //creating header for toto list app |
|  | <Route |
|  | exact |
|  | path="/" //defining path to components |
|  | render={props => ( |
|  | <React.Fragment> |
|  | <AddTodo addTodo={this.addTodo} /> |
|  | <Todos |
|  | todos={this.state.todos} |
|  | markComplete={this.markComplete} |
|  | delTodo={this.delTodo} |
|  | /> |
|  | </React.Fragment> |
|  | )} |
|  | /> |
|  | <Route path="/about" component={About} /> //defining path to component |
|  | </div> |
|  | </div> //Closing HTML block |
|  | </Router> |
|  | ); |
|  | } |
|  | } |
|  | //set default settings |
|  | export default App; |