REACT:

18.React-HOL

My Academy team at Cognizant want to create a dashboard containing the details of ongoing and completed cohorts. A react application is created which displays the detail of the cohorts using React component. You are assigned the task of unit testing the component to ensure it’s free of bugs.

CohortDetails.test.js:

import React from 'react';

import { shallow, mount } from 'enzyme';

import CohortDetails from './CohortDetails';

import { CohortData } from './Cohort'; // Assuming CohortData is an array of cohort objects

import toJson from 'enzyme-to-json';

describe('Cohort Details Component', () => {

test('should create the component', () => {

const wrapper = shallow(<CohortDetails />);

expect(wrapper.exists()).toBe(true);

});

test('should initialize the props', () => {

const cohort = CohortData[0];

const wrapper = mount(<CohortDetails cohort={cohort} />);

expect(wrapper.props().cohort).toEqual(cohort);

});

test('should display cohort code in h3', () => {

const cohort = CohortData[0];

const wrapper = mount(<CohortDetails cohort={cohort} />);

expect(wrapper.find('h3').text()).toContain(cohort.code);

});

test('should always render same html', () => {

const cohort = CohortData[0];

const wrapper = shallow(<CohortDetails cohort={cohort} />);

expect(toJson(wrapper)).toMatchSnapshot();

});

});

Output:





