# ReactJS Hands-On Lab 18 - Solutions

## 1. Install Enzyme

npm install --save enzyme enzyme-adapter-react-16 enzyme-to-json

## 2. Configure setupTests.js

import { configure } from 'enzyme';  
import Adapter from 'enzyme-adapter-react-16';  
configure({ adapter: new Adapter() });

## 3. CohortDetails.test.js

import { mount, shallow } from 'enzyme';  
import CohortDetails from './CohortDetails';  
import { CohortData } from './Cohort';  
  
describe("Cohort Details Component", () => {  
 test("should create the component", () => {  
 shallow(<CohortDetails />);  
 });  
  
 test("should initialize the props", () => {  
 const wrapper = mount(<CohortDetails cohort={CohortData[0]} />);  
 expect(wrapper.props().cohort).toEqual(CohortData[0]);  
 });  
  
 test("should display cohort code in h3", () => {  
 const wrapper = mount(<CohortDetails cohort={CohortData[0]} />);  
 expect(wrapper.find('h3').text()).toContain(CohortData[0].code);  
 });  
  
 test("should always render same html", () => {  
 const wrapper = shallow(<CohortDetails cohort={CohortData[0]} />);  
 expect(wrapper).toMatchSnapshot();  
 });  
});