Angular Engineer Interviews
Mini-Coding Exercise

Given the following User Story:
● As a registered administrator of an inventory management system,
● I have access to more settings on our organization settings page
● So I may perform admin specific actions

Acceptance Criteria
*Only administrator level users have access to these admin specific actions
*For users of lower access level, they have access to the same web page, but the admin specific actions are hidden/disabled

Provide a Pseudo-code example of test methods you would write to test an Angular web app implementation for the given user story. Be sure to clearly show **what** is being tested along with **how** it would test the functionality. Please list all assumptions made while completing the exercise.

Test Pseudocode

describe 'InventoryListComponent unit tests'
   component : InventoryListComponent
   authFakeService:AuthFakeService

   beforeEach
     inject authFakeService
     component = setup.GetComponent

   it 'should not render Edit inventory button for non-administrators'
     fake login method in AuthFakeService to login as non-admin user
     component.detectChanges();
     editButton= component.GetHtmlElementByClass('inventory-list__button--edit')
     expect(editButton).toBeNull;

   it 'should render Edit inventory button for administrator users'
     fake login method in AuthFakeService to login as admin user
     component.detectChanges();
     editButton= component.GetHtmlElementByClass('inventory-list__button--edit')
     expect(editButton).toBeNotNull;

assumptions:
*When the user logins the angular application redirects to an InventoryList page where all the inventory items are listed
*The items of the inventory list have a button to edit an item
*The angular application won't render the edit button for non-admin users