Cypress QA Problem Set 1

1   1. Basic UI Checks

Problem 1.1: Check page title

Visit a website and verify its title contains a specific word.

Problem 1.2: Check element is visible

Verify that an element (e.g., header or button) is visible on page load.

Problem 1.3: Check if a button exists and is clickable

Check for the existence of a button and simulate a click.

2   2. Forms and Inputs

Problem 2.1: Fill in a form and submit

Simulate entering input into a login form and submitting it.

Problem 2.2: Check input validation error

Leave required fields empty and verify that an error message appears.

Problem 2.3: Verify redirection after form submit

After submitting valid credentials, check that the user is redirected to the correct page.

3 3. Assertions and Conditions

Problem 3.1: Check if list contains 5 items

Verify that a list renders exactly 5 elements.

Problem 3.2: Check for specific text in list item

Ensure that at least one list item contains a specific string.

Problem 3.3: Conditional rendering based on checkbox

Toggle a checkbox and confirm visibility of a conditional section.

4 4. Network Interception and Waits

Problem 4.1: Wait for API response and verify data

Intercept an API call, wait for it to complete, and verify response-based UI rendering.

Problem 4.2: Mock login API response

Stub a login request with a custom response and test the behavior of the application.

5   5. Intermediate Logic and Custom Commands

Problem 5.1: Custom command for login

Define a reusable Cypress command for logging in and use it in a test case.

Problem 5.2: Reusable command for adding a task

Create and use a custom command that automates the task creation process.