

Automated QA Homework Assignment:

Task: API and UI Test Automation Basics

Objective: Implement a small set of tests to demonstrate your understanding of automated testing using both UI and API tools.

Assignment:

1. API Testing:

- Use a tool like Postman, RestSharp, or any preferred API testing framework to test a publicly available API.
- Create **two simple API test cases**:
 1. Verify that a **GET request** to `[https://jsonplaceholder.typicode.com/posts/1]` returns a **200** status code and contains a title field.
 2. Validate that a **POST request** to `[https://jsonplaceholder.typicode.com/posts]` with a JSON payload (e.g., `{ "title": "foo", "body": "bar", "userId": 1 }`) successfully creates a new resource (status code **201**).
- **Deliverable:** Share the API test cases and any test scripts if you used a coded approach.

2. UI Testing:

- Use Selenium, Cypress, or any UI test automation tool of your choice.
- Create a **basic UI test** that:
 1. Opens the example.com website.
 2. Verifies that the page title is "Example Domain".
- **Deliverable:** Share the test script or configuration.

Submission Guidelines:

- Upload your scripts and test documentation to a GitHub repository or share a ZIP file.
- Include a README file with instructions on how to run the tests.
- Keep it simple—this task should take no more than a couple of hours.