Question 3

Using Selenium and Java (No Maven)

Requirements analysis

- Understand the application – Identify the key functionalities of the online shopping site.

 ex: user login, registration, product search, add to cart, checkout and order history

- Then after creating high level test scenarios of cover all the functionalities

Environment setup

- Install JAVA
- Selenium web driver
- ChromeDriver

Framework structure

- Project structure
    1. Main JAVA files – src/main/java
    2. Test classes – src/test/java
    3. Store data – Excel; JSON.CSV
- Create Base class that will initialize the webDriver, set up browser properties
- Implement POM by creating separate for each page of application ex, login page
- Create utility classes for common operations ex, reading data from files, screenshots

Test Implementation

- Writing test cases

Test data management

- Store test data externally in files like Excel / JSON

Execution and reporting

- Write a TestRunner class to execute the test cases
- After implementing simple report

Maintenance