

Manual Testing

1. What is the difference between **Verification** and **Validation**?
2. Write a **test case** for testing a *login page*.
3. What's the difference between **Smoke** and **Sanity** testing?
4. If a **login button** doesn't work but the user can log in using a direct URL — what are the **Severity** and **Priority**?
5. Explain **Bug Life Cycle** with an example.

Automation Testing (Selenium)

1. What is the difference between `findElement()` and `findElements()`?
2. Write a **Selenium snippet** to open Google and print its title.
3. What are **XPath** and **CSS Selectors**?
4. How do you **handle pop-ups or alerts** in Selenium?
5. What is the use of `driver.quit()` vs `driver.close()`?

Java for Testing

1. Write a Java program to **count vowels** in a string.
2. Write a Java program to **print even numbers from 1–50**.
3. What's the difference between `==` and `.equals()`?
4. Explain how **OOP principles** help in Selenium Automation.
5. What is the use of `try-catch` in Java?