Algorithm- Automate a Web Application

1. Set up the Maven project and import the necessary dependencies, including Selenium WebDriver.

2. Create a new Java class for the automation script.

3. Set up the WebDriver instance for Selenium, using the appropriate browser driver (e.g., ChromeDriver).

4. Implement the registration functionality:
   ¬Navigate to the registration page.
   ¬ Locate the registration form elements (e.g., input fields, buttons) using WebDriver's findElement() method.
   ¬ Use the sendKeys() method to enter the required registration information.
   ¬ Click the registration button to submit the form.

5. Implement the login functionality:
   ¬ Navigate to the login page.
   ¬ Locate the login form elements.
   ¬ Enter the username and password using sendKeys().
   ¬ Click the login button to submit the form.

6. Add necessary assertions or verifications to ensure successful registration and login.

7. Close the WebDriver instance to clean up resources.

8. Run the Maven project to execute the automation script