

## 10. Test Scripts: Develop a program to login a specific webpage using selenium test script

1. Create Eclipse Java Project
  - a. In Eclipse: Click File → New → Other → Select **Java Project**
  - b. Set Project name **TestScripts.** and select **Use an execution environment as java1.8**, Click finish
  - c. **Right-click your project → Build Path → Configure Build Path**
  - d. Go to the **Libraries** tab → Click **Add External JARs**
  - e. Now Add selenium-server
  - f. Click Apply and Save
2. Right Click on src on the project, → New → Class
  - a. Set class name **LoginTest** and click finish
  - b. Add Program

```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
public class LoginTest {
    public static void main(String[] args) {
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        try {
            // Navigate to the SauceDemo login page
            driver.get("https://www.saucedemo.com/");
            // Find and fill in the username and password fields
            WebElement username = driver.findElement(By.id("user-name"));
            WebElement password = driver.findElement(By.id("password"));
            WebElement loginButton = driver.findElement(By.id("login-button"));
            username.sendKeys("standard_user");
            password.sendKeys("secret_sauce");
            loginButton.click();
            // Wait for login to complete
            Thread.sleep(2000);
            // Check if login was successful
            if (driver.getCurrentUrl().contains("inventory")) {
                System.out.println(" Login successful - Now on inventory page");
            } else {
                System.out.println(" Login failed");
            }
        } catch (Exception e) {
            System.out.println(" Error during test: " + e.getMessage());
        } finally {
            driver.quit();
        }
    }
}
```

```
}
```

**Output:- Websites logged successfully**

### **Output (Console)**

Login successful - Now on inventory page