



Give me the Selenium scripts
in Java language for
Salesforce login

Below is a **simple and commonly used**
Selenium WebDriver script in Java to log in
to Salesforce.

Prerequisites

Make sure you have:

- Java installed
- Selenium WebDriver (latest)
- Chrome browser
- ChromeDriver (compatible with your Chrome version)
- Maven or required JAR files added





ChatGPT



◆ Salesforce Login Page

Copy code

<https://login.salesforce.com>

◆ Sample Selenium Script (Java)

Basic Salesforce Login Automation

Java

Copy code

```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import
org.openqa.selenium.chrome.ChromeDriver;
r;
import
org.openqa.selenium.chrome.ChromeOptions;
import java.time.Duration;

public class SalesforceLoginTest {
```



Ask ChatGPT



```
// Set ChromeDriver path
System.setProperty("webdriver.chrome.d
```



at.deepseek.com



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scripts in Java language
for Salesforce login



⌚ Thought for 12 seconds ▾

- We are going to write a Selenium script in Java to log in to Salesforce.

Steps:

1. Set up the WebDriver (we'll use ChromeDriver as an example).
2. Navigate to the Salesforce login page.
3. Enter the username and password.
4. Click the login button.

5. Wait for the home page to load and

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5. Wait for the home page to load and verify login.

Note: We assume you have the necessary Selenium WebDriver and ChromeDriver set up.

We'll use the following dependencies (if using Maven):

```
<dependency>
<groupId>org.seleniumhq.selenium</groupId>
<artifactId>selenium-java</artifactId>
<version>3.141.59</version>
</dependency>
```

Alternatively, you can use a later version

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Approach 1: Basic Salesforce Login Script

java



```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;
import java.time.Duration;

public class SalesforceLoginBasi
```

{

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Give me the Selenium scripts in Java language for Salesforce login with Page Object Model

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Thinking completed



81,920 tokens budget

Here's a complete Selenium Java solution for Salesforce login using the Page Object Model (POM) with best practices. This includes explicit waits, encapsulation, and maintainable structure



Project Structure



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Log in

```
1 src/
2   └── main/
3     └── java/
4       ├── pages/
5         ├── LoginPage.java
6         └── HomePage.java
7       └── utils/
8         └── DriverFactory.java
9   └── test/
10    └── java/
11      └── tests/
12        └── SalesforceLoginTe
```

1. Driver Factory ([DriverFactory.java](#))

java

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Log in

java



```
1 package utils;
2
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.chrome.ChromeDriver;
5 import org.openqa.selenium.chrome.ChromeOptions;
6 import java.time.Duration;
7
8 public class DriverFactory {
9     private static WebDriver driver;
10
11     public static WebDriver getDriver() {
12         if (driver == null) {
13             ChromeOptions options = new ChromeOptions();
14             options.addArguments("--headless");
15             options.addArguments("--no-sandbox");
16
17             driver = new ChromeDriver(options);
18             driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);
19         }
20
21         return driver;
22     }
23 }
```



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Log in

Give me the Selenium scripts in Java language for Salesforce login with Page Object Model

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Here's a complete **Selenium WebDriver** implementation in **Java** using the **Page Object Model (POM)** design pattern for **Salesforce login**.



Prerequisites

- Java 8+
- Maven or Gradle (for dependency management) ↴
- Selenium WebDriver



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- TestNG or JUnit (we'll use **TestNG** here)
- ChromeDriver (or any browser driver)

📁 Project Structure (Maven-based)

```
1  src/
2   └── main/
3     └── java/
4       └── pages/
5         ├── SalesforceLoginPage.java
6         └── SalesforceHomePage.java
7   └── test/
8     └── java/
9       └── tests/
10      └── SalesforceLoginTest.java ↓
```

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pom.xml

Dependencies (Maven)

xml



```
1 <dependencies>
2     <!-- Selenium Java -->
3     <dependency>
4         <groupId>org.seleniumhq.selenium</groupId>
5         <artifactId>selenium-java</artifactId>
6         <version>4.21.0</version>
7     </dependency>
8
9     <!-- TestNG -->
10    <dependency>
11        <groupId>org.testng</groupId>
12        <artifactId>testng</artifactId>
13        <version>7.10.2</version>
14        <scope>test</scope>
15    </dependency>
16 </dependencies>
```



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Page Object: SalesforceLoginPage.java

java



```
1 package pages;
2
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.WebElement;
5 import org.openqa.*;
6 import org.openqa.selenium.support.*;
7 import org.openqa.selenium.support.*;
8 import org.openqa.selenium.support.*;
9 import org.openqa.selenium.support.*;
10
11 import java.time.Duration;
12
13 public class SalesforceLoginPage {
14
15     private WebDriver driver; ↓
16     private WebDriverWait wait;
```



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