

SELENIUM. CUCUMBER

- Demo 1

Create Maven Project, perlu waktu untuk menunggu intellij inisiasi project

Set Dependencies, perlu waktu untuk menunggu intellij melakukan instalasi dependency maven

Set Chrome Driver

Build Script

Pada demo 1, akan didemokan dari awal membuat project baru, proses scripting automation, hingga dijalankan automation test untuk fitur login dari website www.saucedemo.com

Run Test, perlu waktu untuk menunggu intellij menjalankan automation test

- Demo 2

Add Dependencies, perlu waktu untuk menunggu intellij melakukan instalasi dependency maven

Build Script:

Menambah file feature, dan runner

Script memanfaatkan yg demo 1, disesuaikan dengan file feature

Run Test, perlu waktu untuk menunggu intellij menjalankan automation test

- Demo 3

Build Script:

Melakukan perubahan pada file feature untuk DDT

Script memanfaatkan yg demo 2, disesuaikan dan ditambahkan sedikit untuk keperluan DDT

Run Test, perlu waktu untuk menunggu intellij menjalankan automation test

Additional, kepada peserta akan diperlihatkan saja (khawatir waktu tidak cukup jika didemokan):

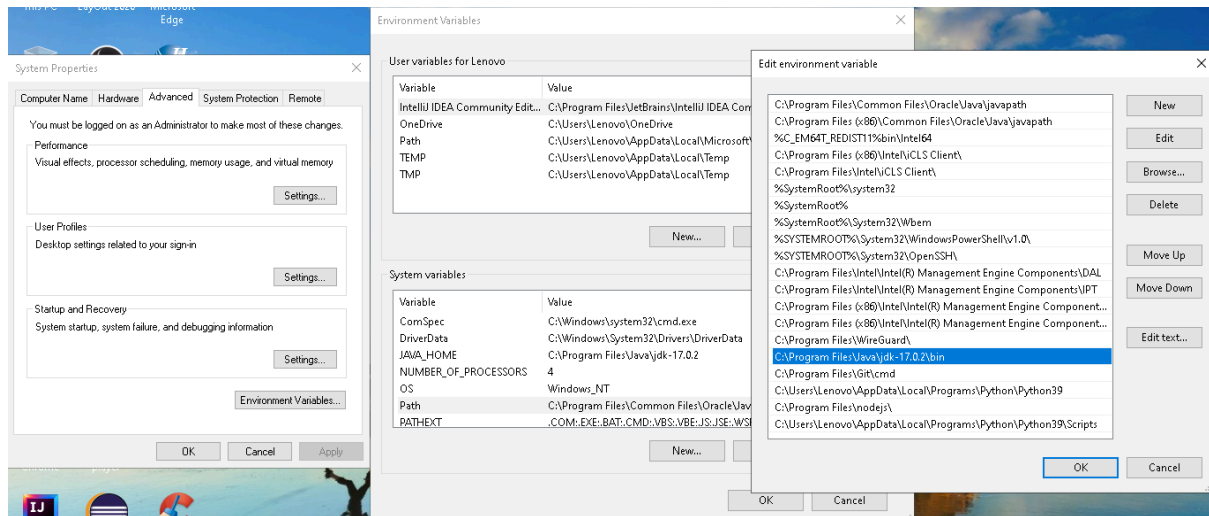
Script automation yang telah ditambahkan file feature untuk fitur lain (Order Item)

Script automation yang telah ditambahkan mekanisme hooks dengan memanfaatkan anotasi @Before dan @After dari cucumber

Installation

Java

<https://www.oracle.com/java/technologies/downloads/#jdk18-windows>

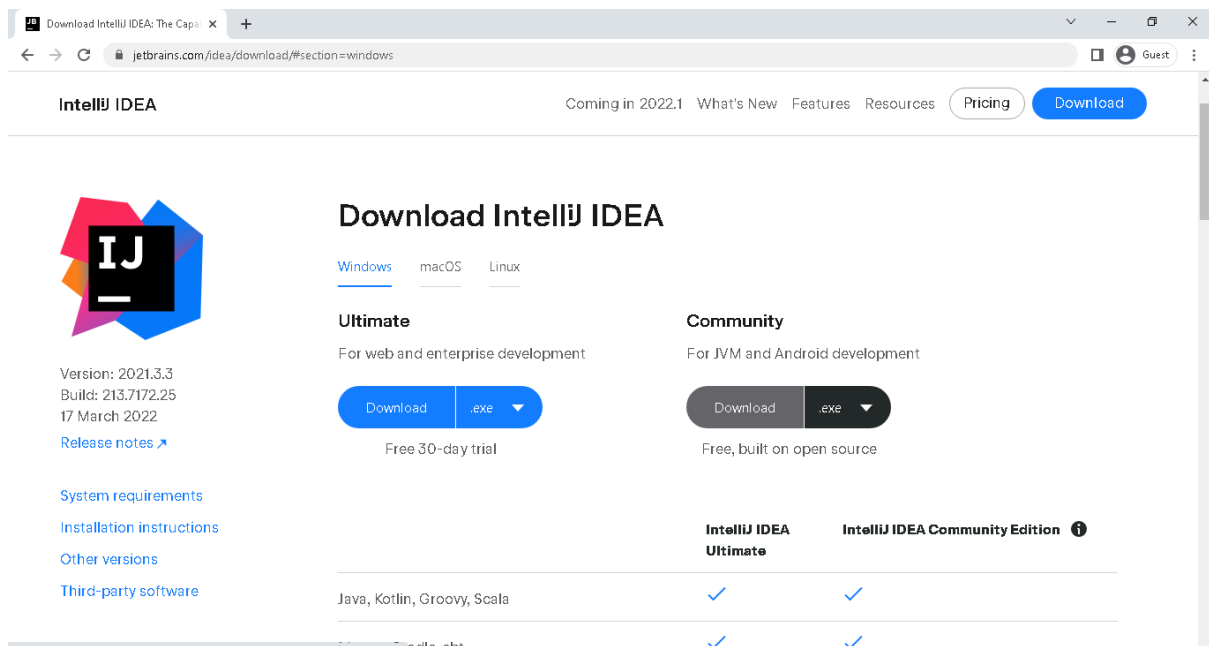


```
Microsoft Windows [Version 10.0.19044.1586]
(c) Microsoft Corporation. All rights reserved.

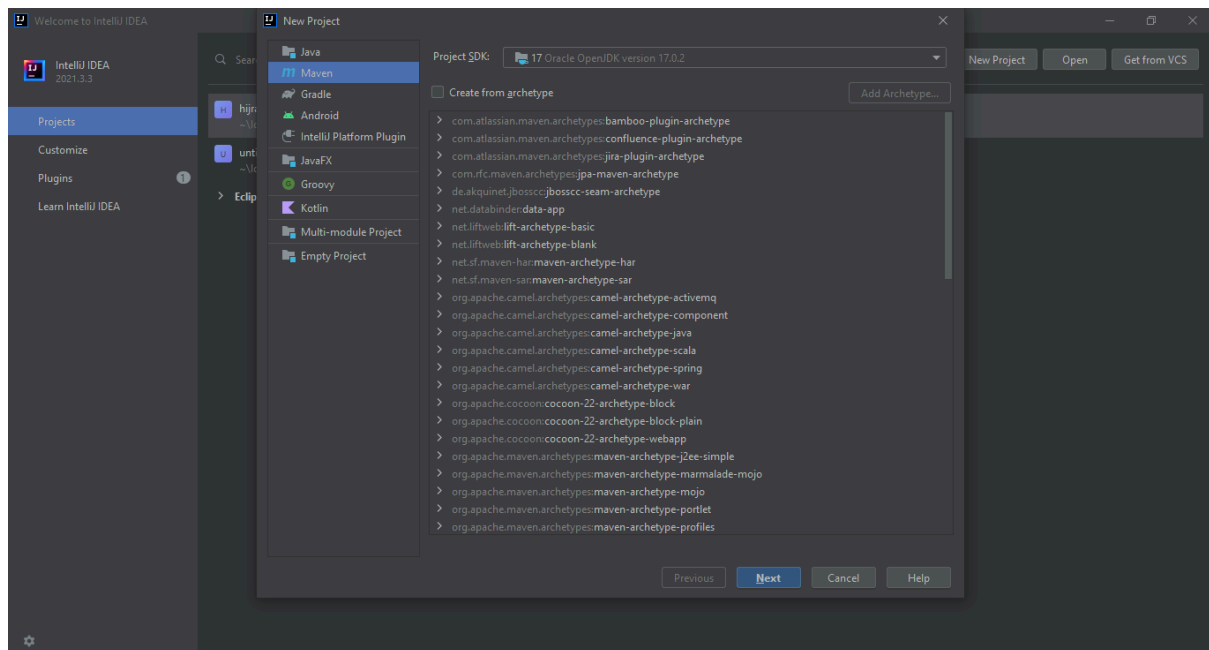
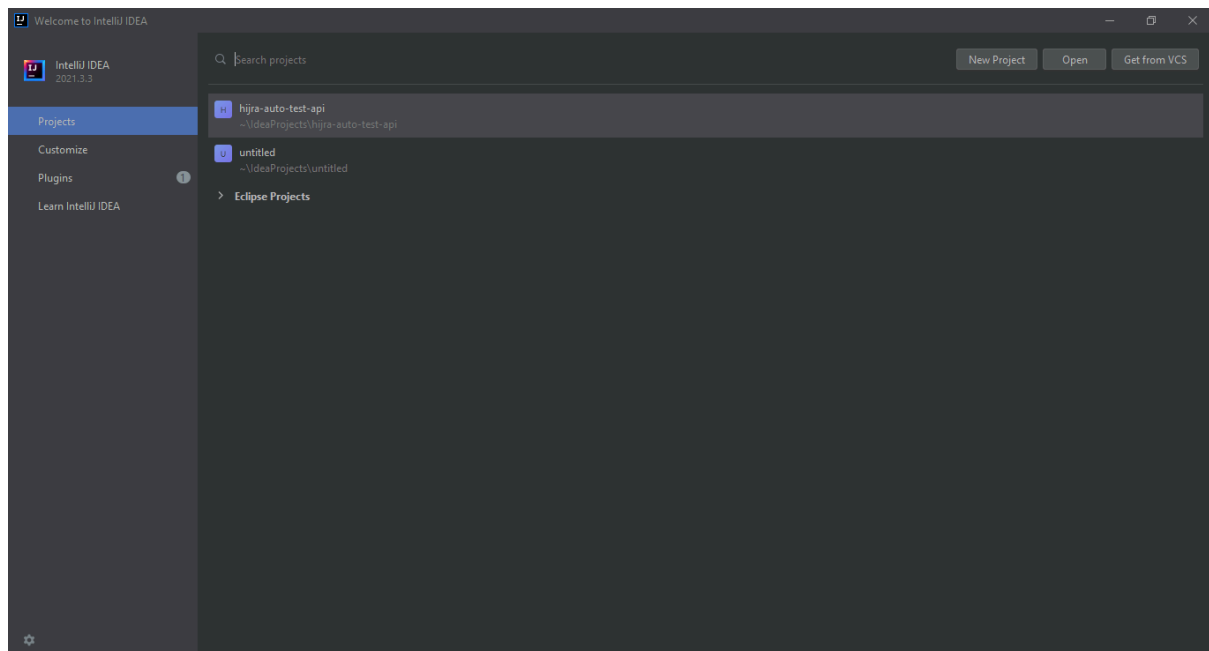
C:\Users\Lenovo>java -version
java version "17.0.2" 2022-01-18 LTS
Java(TM) SE Runtime Environment (build 17.0.2+8-LTS-86)
Java HotSpot(TM) 64-Bit Server VM (build 17.0.2+8-LTS-86, mixed mode, sharing)
```

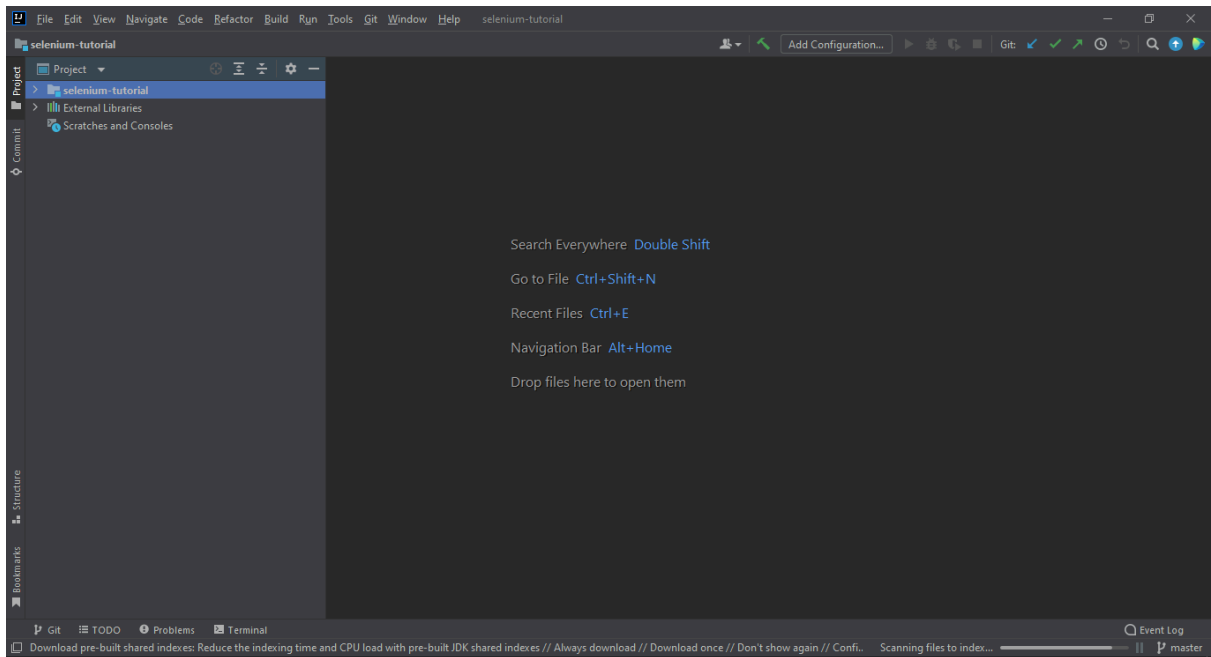
IntelliJ IDEA (Community Version)

<https://www.jetbrains.com/idea/download/#section=windows>

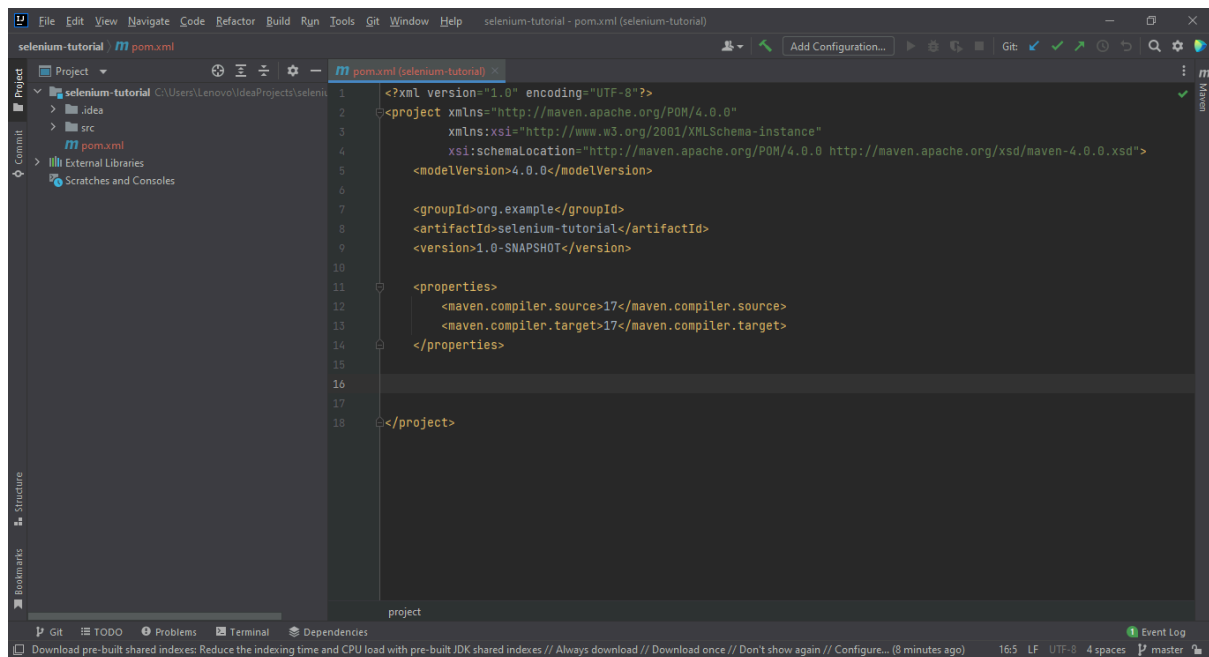


Create Maven Project

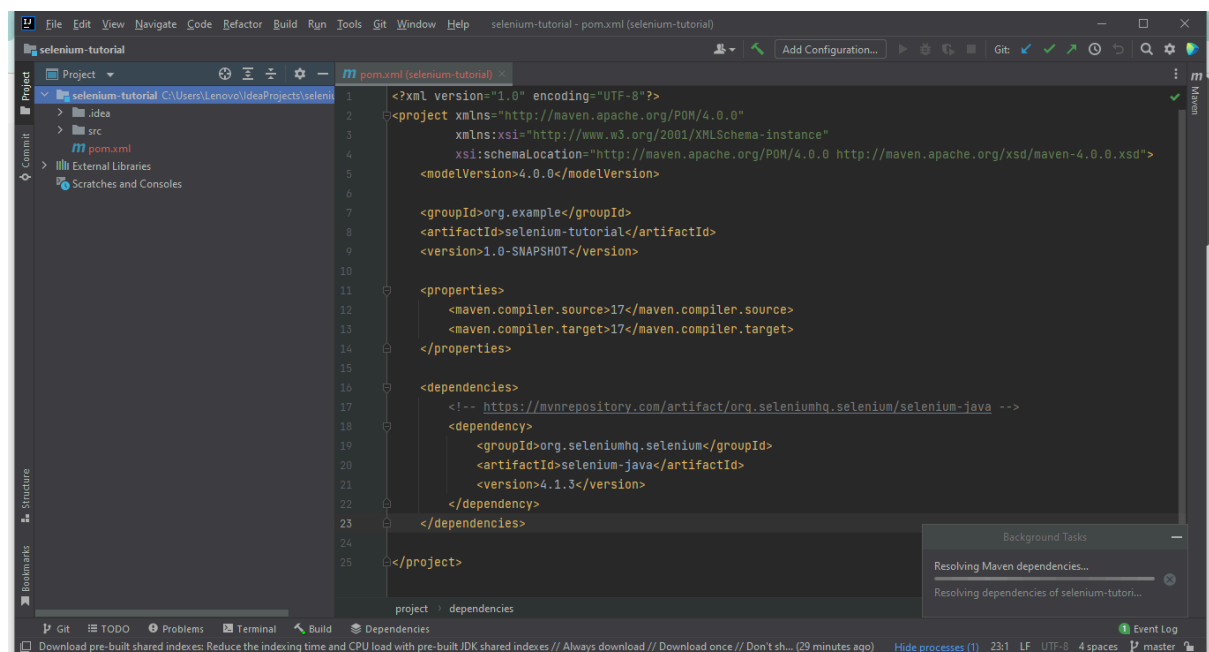


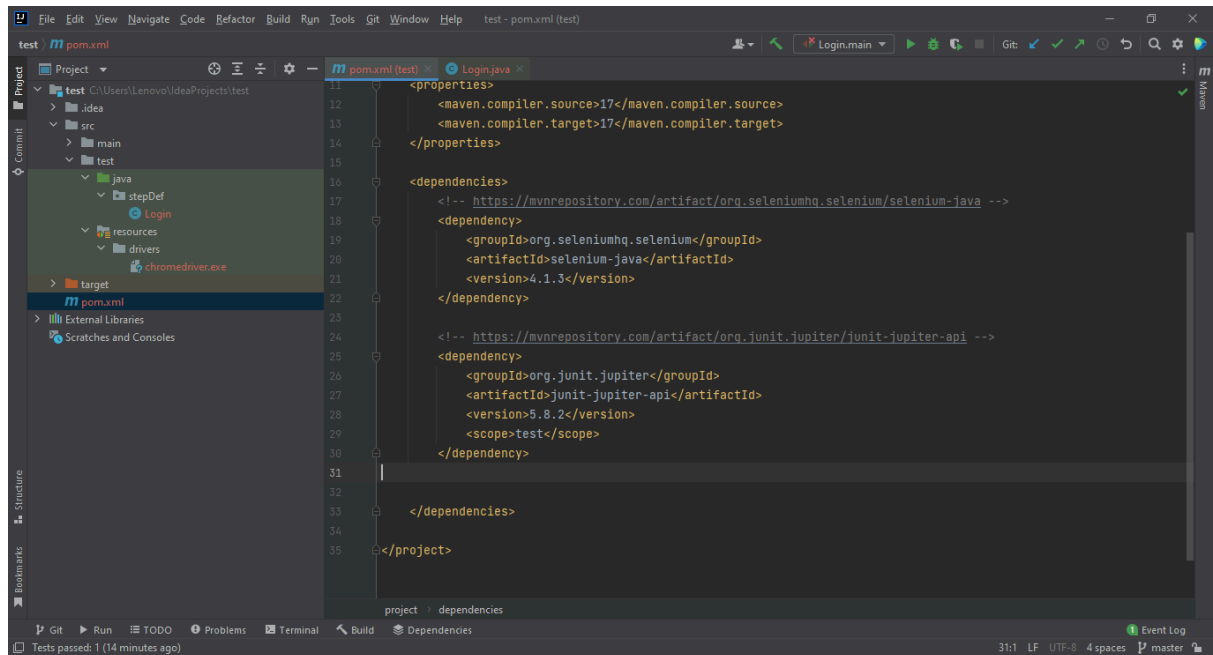


Set Dependencies



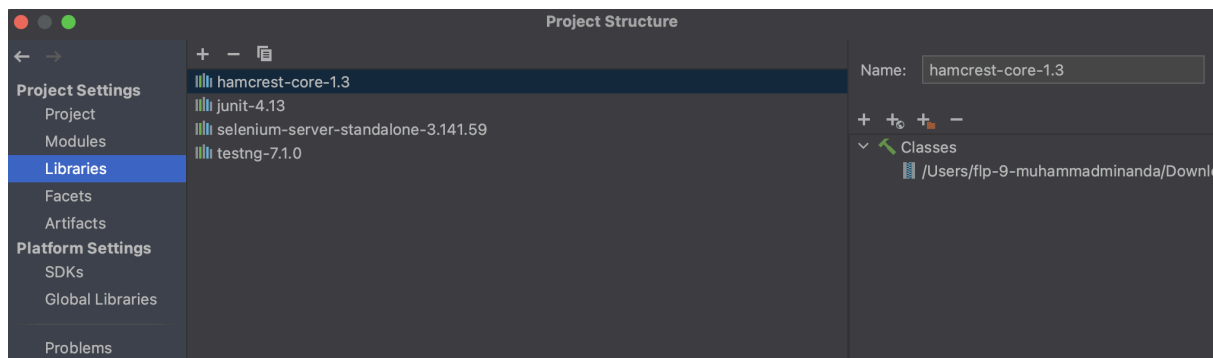
maven dependencies sources: <https://mvnrepository.com/>





or you can set dependencies manually by download jar file and import via

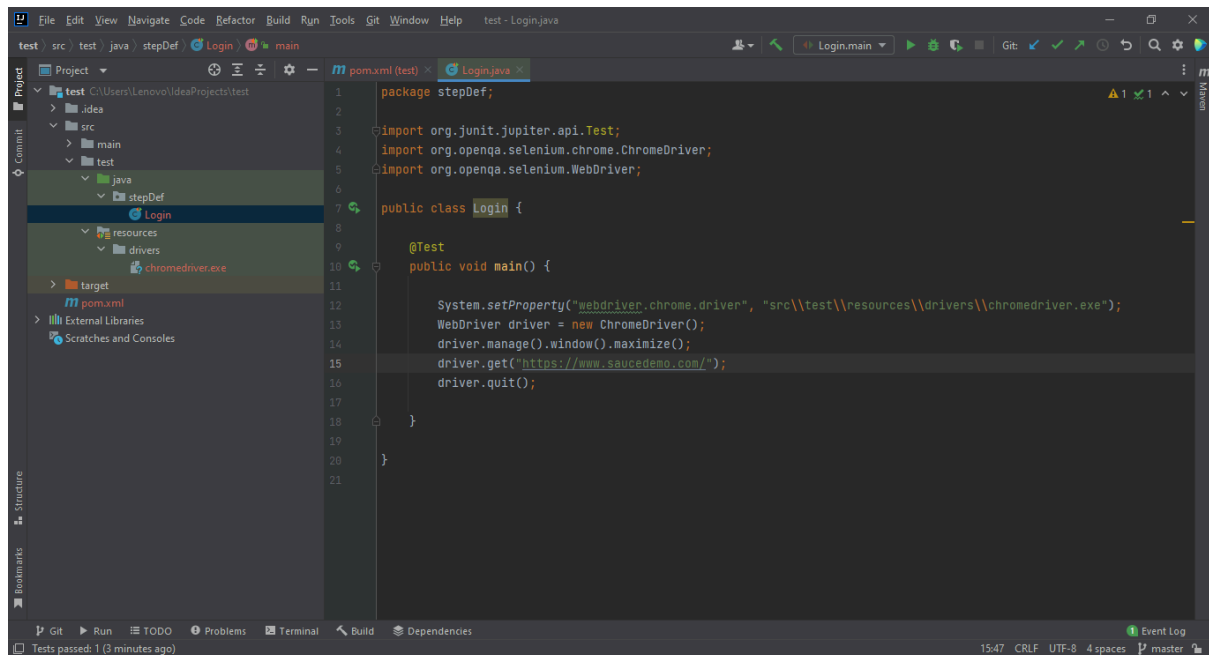
File -> Project Structure -> Libraries



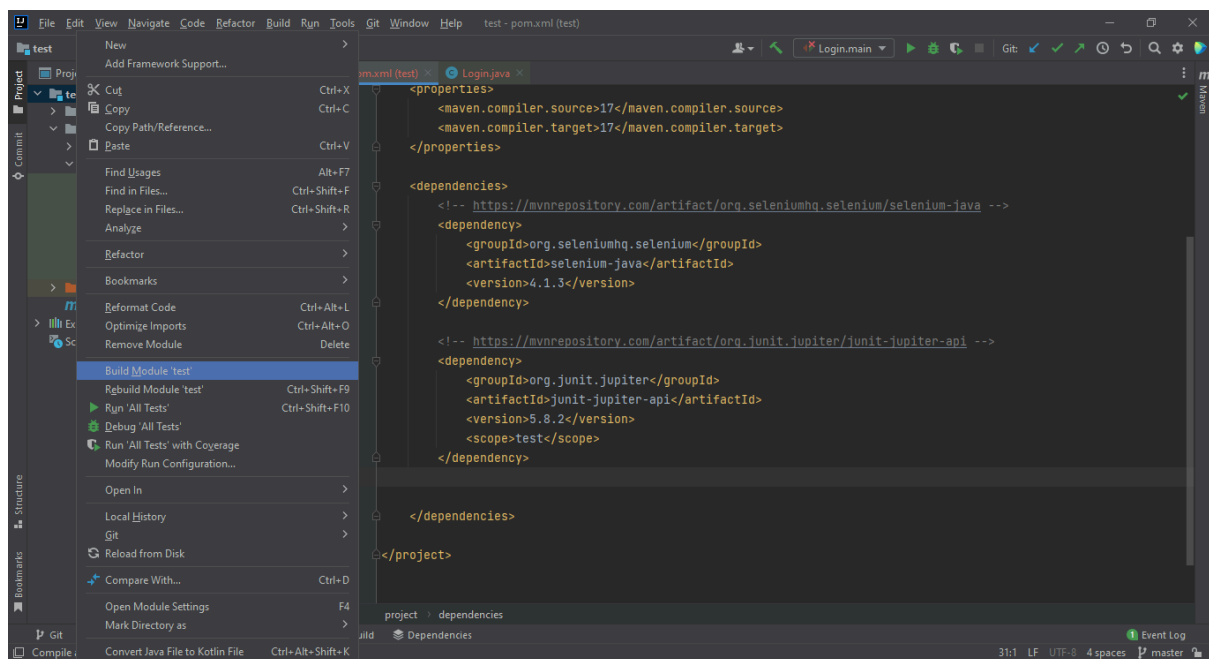
Build Project

add chrome driver

<https://chromedriver.chromium.org/downloads>



build module



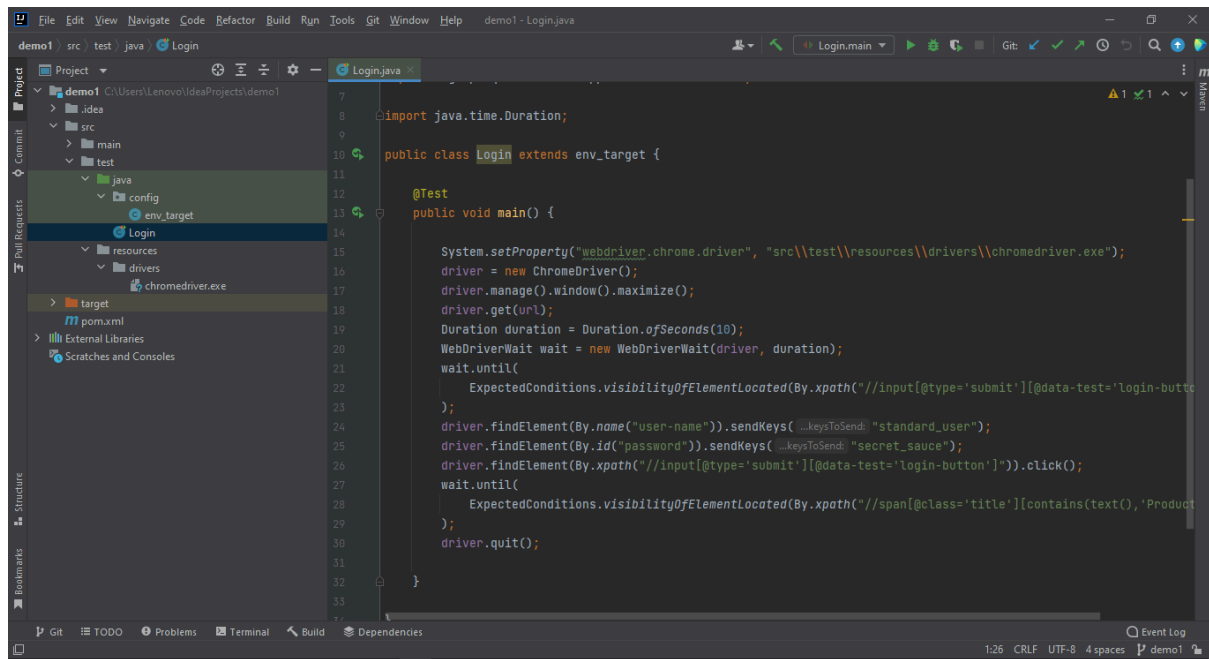
Demo 1

website : www.saucedemo.com

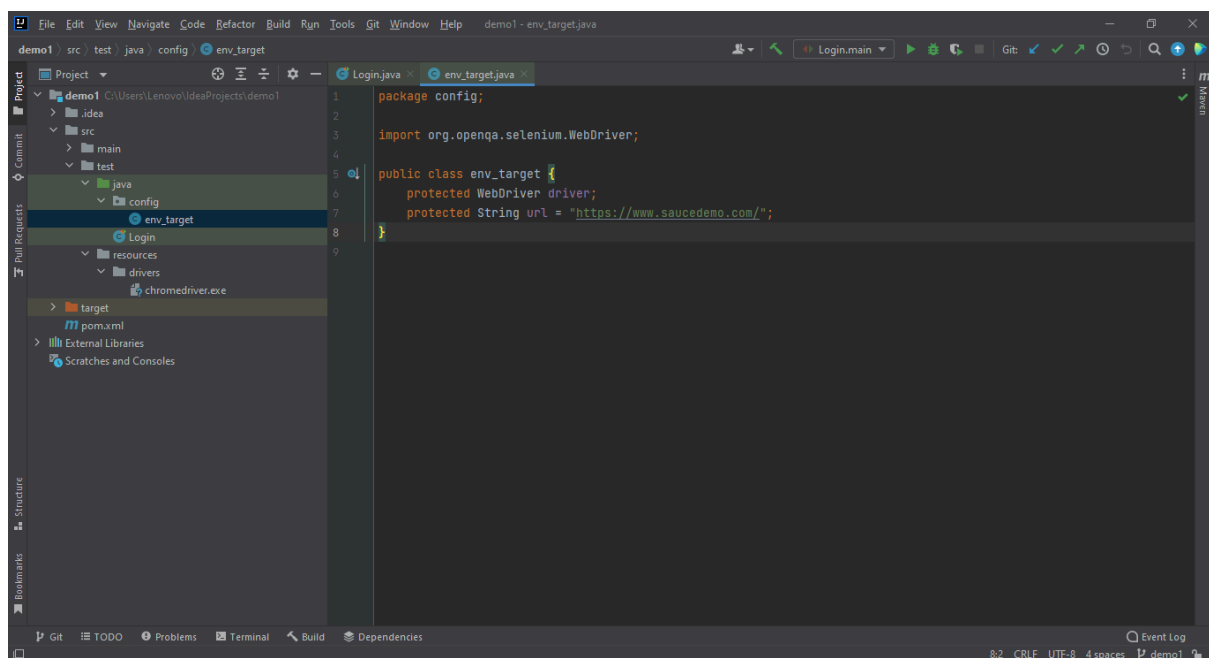
fitur: login

tools: selenium

runner: junit



```
1  import java.time.Duration;
2
3
4
5
6
7
8
9
10 public class Login extends env_target {
11
12     @Test
13     public void main() {
14
15         System.setProperty("webdriver.chrome.driver", "src\\test\\resources\\drivers\\chromedriver.exe");
16         driver = new ChromeDriver();
17         driver.manage().window().maximize();
18         driver.get(url);
19         Duration duration = Duration.ofSeconds(10);
20         WebDriverWait wait = new WebDriverWait(driver, duration);
21         wait.until(
22             ExpectedConditions.visibilityOfElementLocated(By.xpath("//input[@type='submit'][@data-test='login-button']"))
23         );
24         driver.findElement(By.name("user-name")).sendKeys(KeysToSend.standard_user);
25         driver.findElement(By.id("password")).sendKeys(KeysToSend.secret_sauce);
26         driver.findElement(By.xpath("//input[@type='submit'][@data-test='login-button']")).click();
27         wait.until(
28             ExpectedConditions.visibilityOfElementLocated(By.xpath("//span[@class='title'][contains(text(),'Product')]"))
29         );
30         driver.quit();
31     }
32 }
```

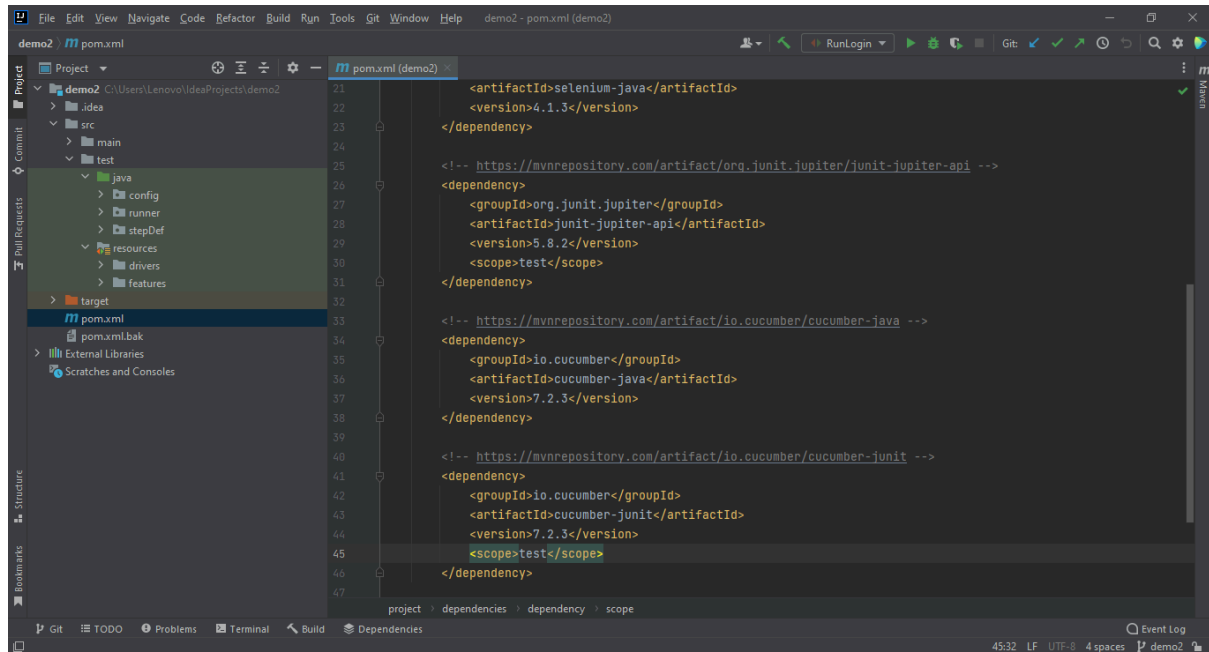


```
1  package config;
2
3
4
5
6
7
8
9
10 import org.openqa.selenium.WebDriver;
11
12 public class env_target {
13     protected WebDriver driver;
14     protected String url = "https://www.saucedemo.com/";
15 }
```

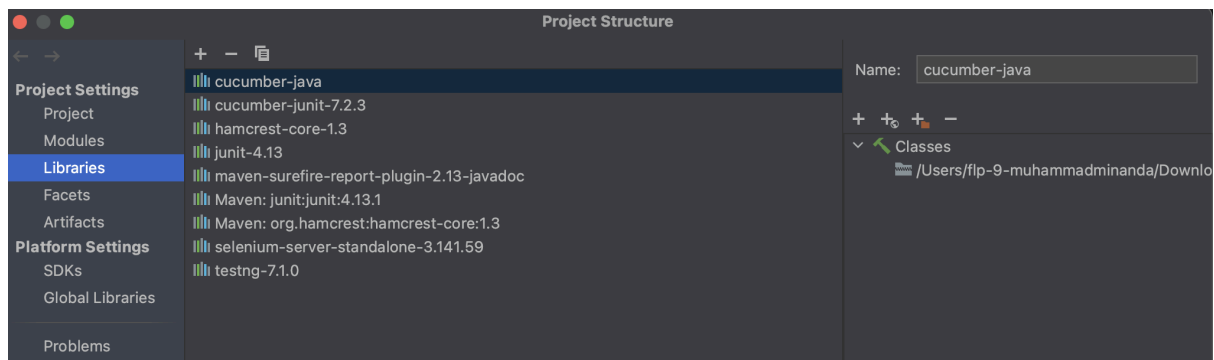
source code: <https://github.com/arbiminanda/dot-nest-automation/tree/demo1>

Demo 2

simple BDD using cucumber

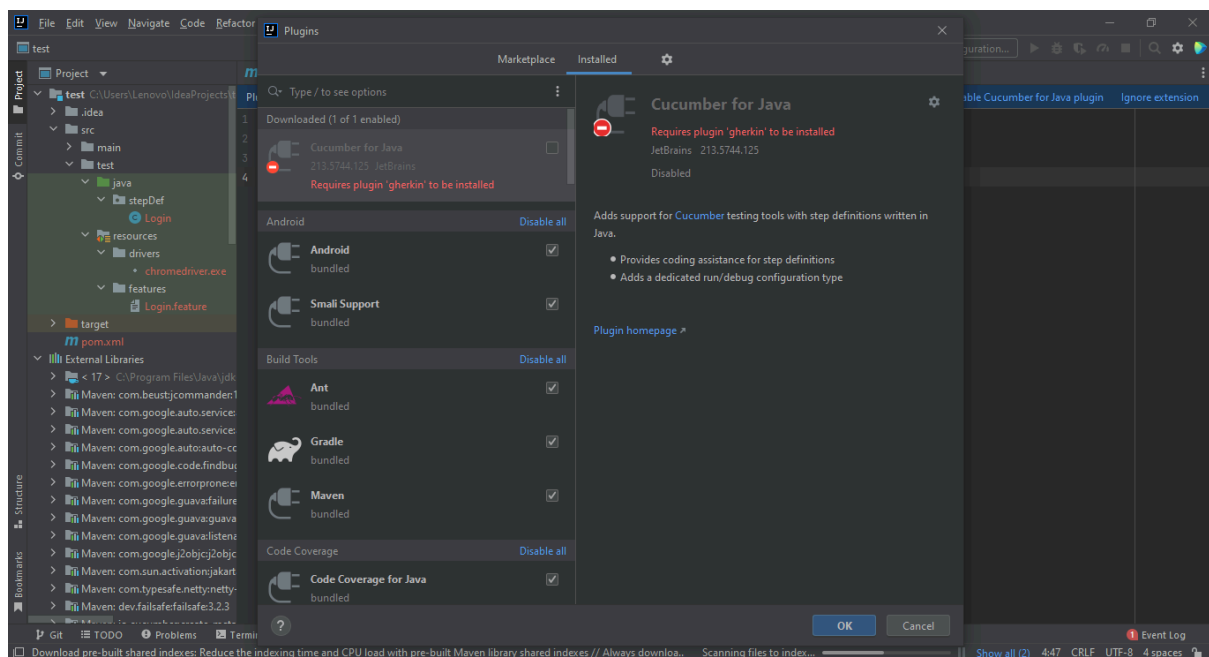
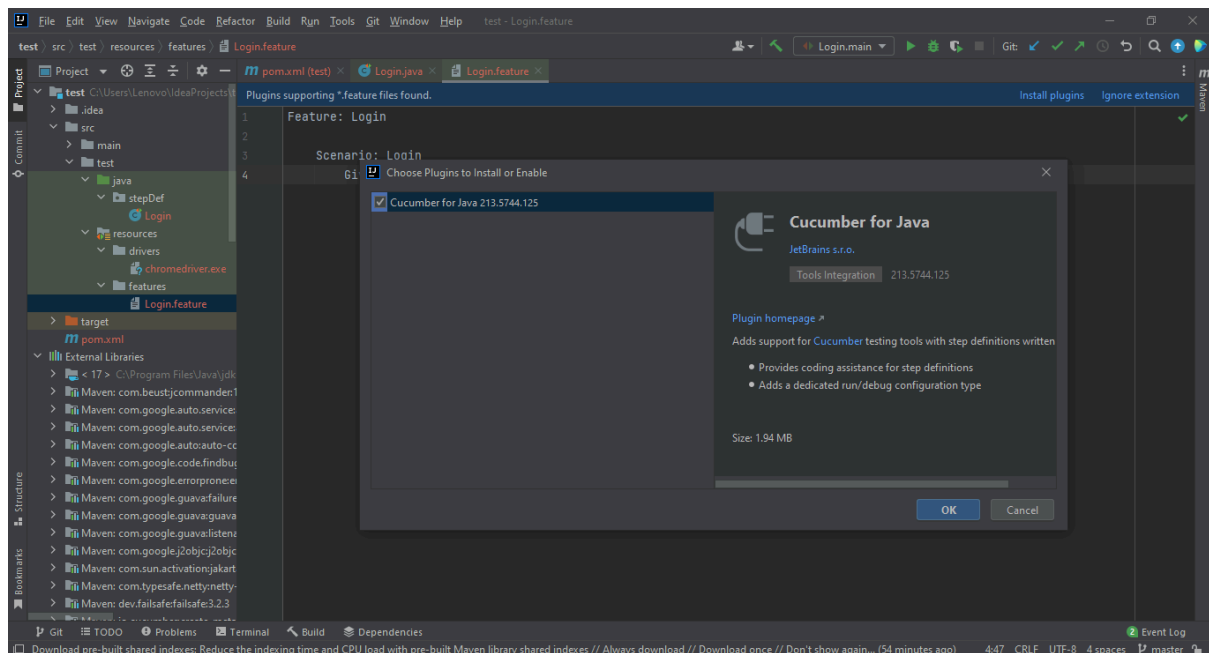


if you want import dependencies manually



cucumber-java resources: https://jar-download.com/?search_box=cucumber-java

install cucumber & gherkin plugins in intellij



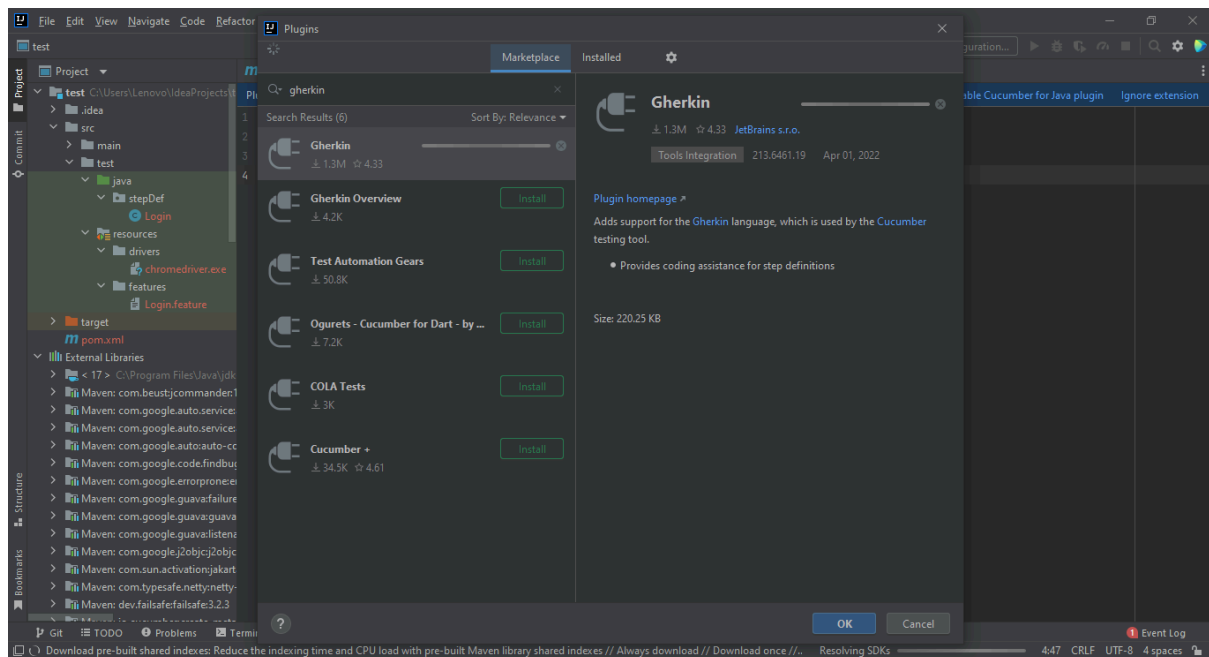
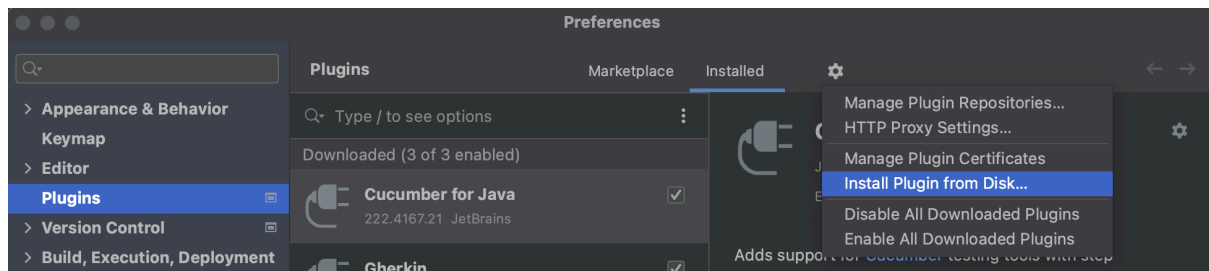
if not redirected to plugins modal, access via:

File | Settings | Plugins for Windows and Linux

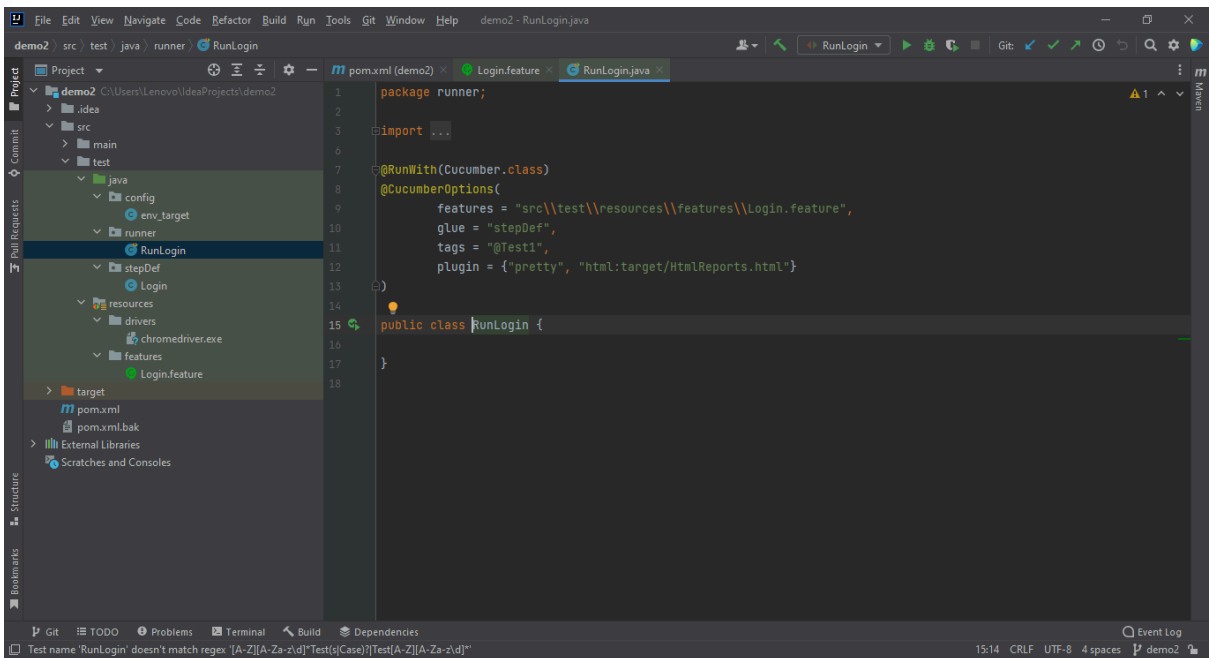
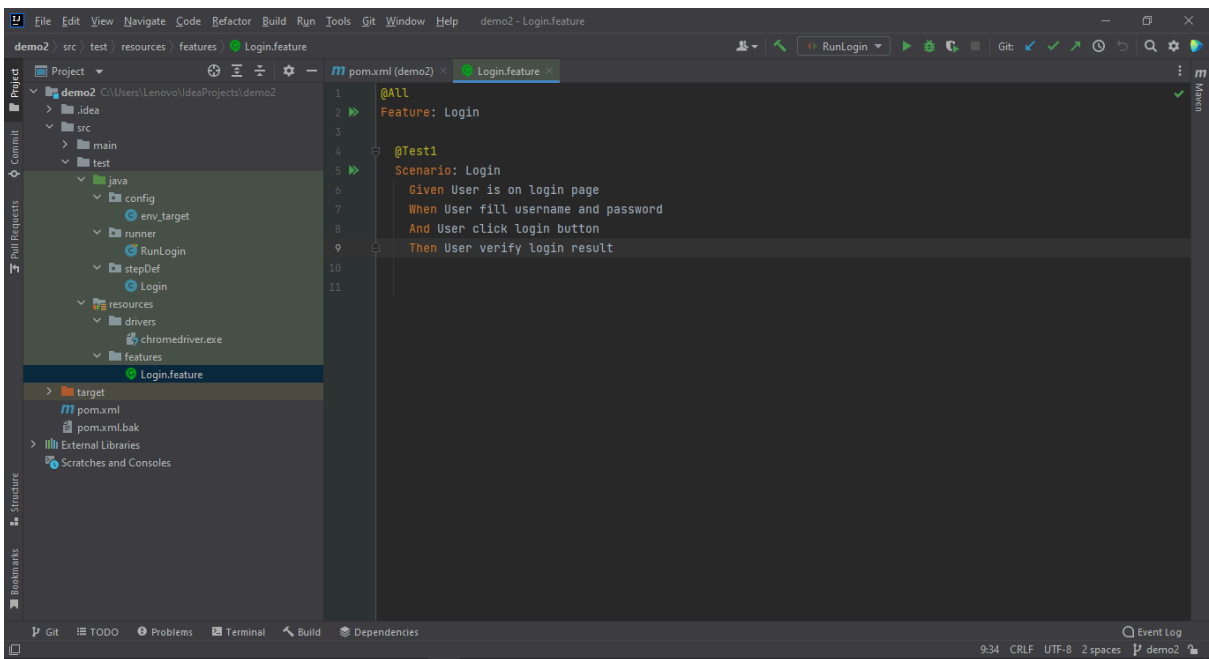
IntelliJ IDEA | Preferences | Plugins for macOS



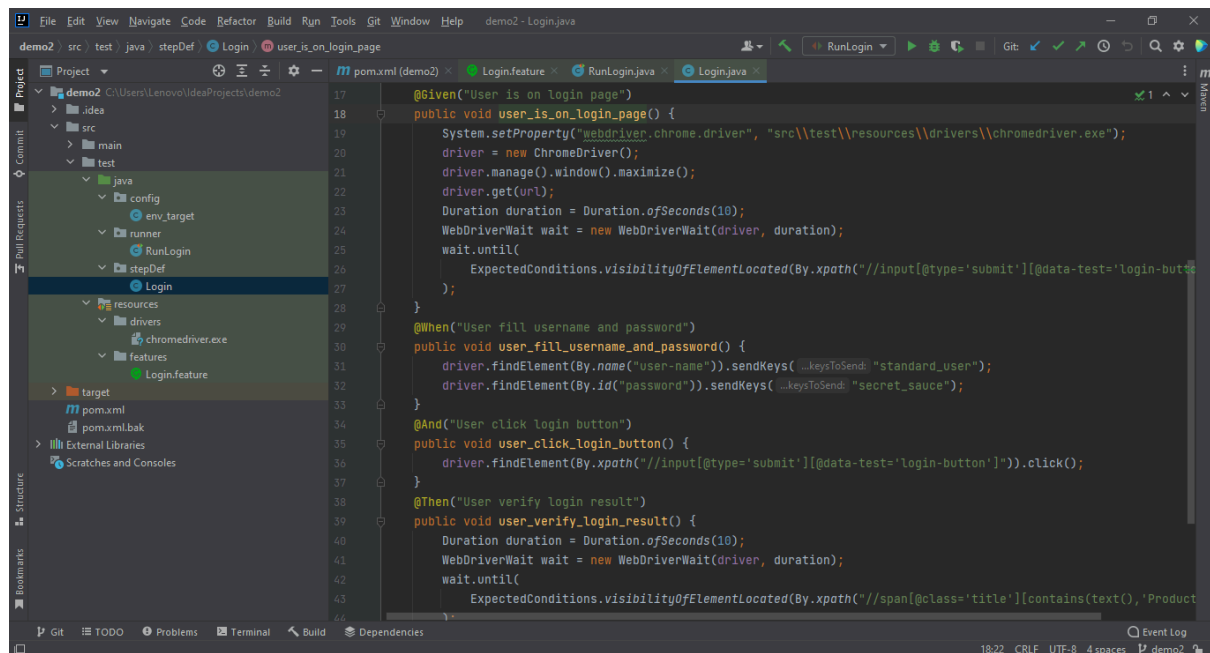
If you can't find plugins from the search feature in IntelliJ, you must download the plugin manually and import via:



add feature, runner



update stepDef



The screenshot shows an IDE window titled "demo2 - Login.java". The left sidebar displays a project structure for "demo2" with folders like "src", "test", "main", and "resources". The "test" folder is expanded, showing "java" and "resources" subfolders. The "resources" folder contains "drivers" and "chromedriver.exe". The "test" folder also contains "pom.xml", "pom.xml.bak", and "External Libraries". The main editor area shows the following Java code:

```
17 @Given("User is on login page")
18 public void user_is_on_login_page() {
19     System.setProperty("webdriver.chrome.driver", "src\\test\\resources\\drivers\\chromedriver.exe");
20     driver = new ChromeDriver();
21     driver.manage().window().maximize();
22     driver.get(url);
23     Duration duration = Duration.ofSeconds(10);
24     WebDriverWait wait = new WebDriverWait(driver, duration);
25     wait.until(
26         ExpectedConditions.visibilityOfElementLocated(By.xpath("//input[@type='submit'][@data-test='login-button']"))
27     );
28 }
29 @When("User fill username and password")
30 public void user_fill_username_and_password() {
31     driver.findElement(By.name("user-name")).sendKeys(_keysToSend: "standard_user");
32     driver.findElement(By.id("password")).sendKeys(_keysToSend: "secret_sauce");
33 }
34 @And("User click login button")
35 public void user_click_login_button() {
36     driver.findElement(By.xpath("//input[@type='submit'][@data-test='login-button']")).click();
37 }
38 @Then("User verify login result")
39 public void user_verify_login_result() {
40     Duration duration = Duration.ofSeconds(10);
41     WebDriverWait wait = new WebDriverWait(driver, duration);
42     wait.until(
43         ExpectedConditions.visibilityOfElementLocated(By.xpath("//span[@class='title'][(contains(text(),'Product
44     ));
45 }
```

source code: <https://github.com/arbiminanda/dot-nest-automation/tree/demo2>

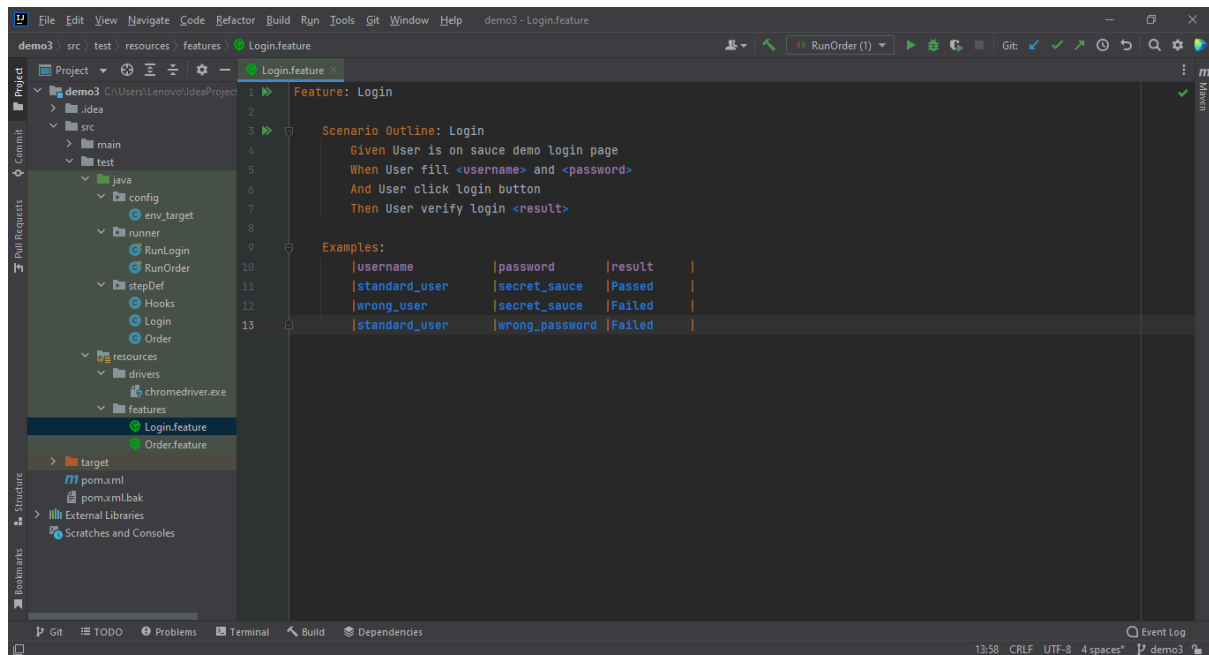
Demo 3

implement DDT in BDD with cucumber

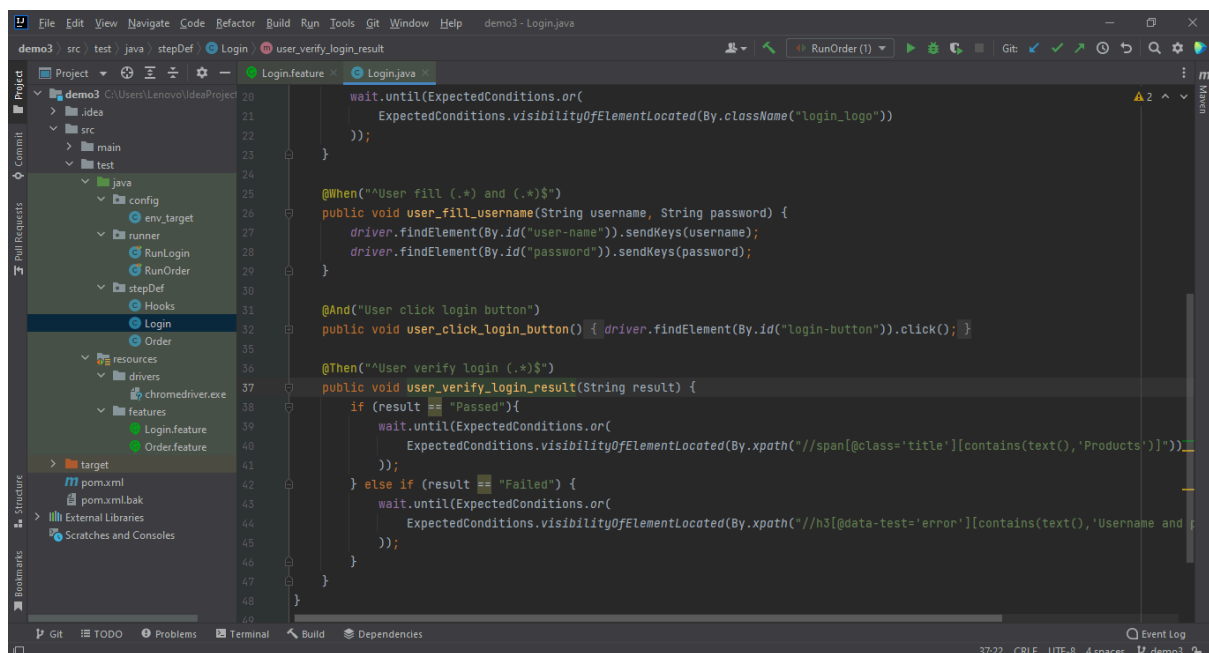
additional:

- implement hooks for Before & After annotations
- add order feature

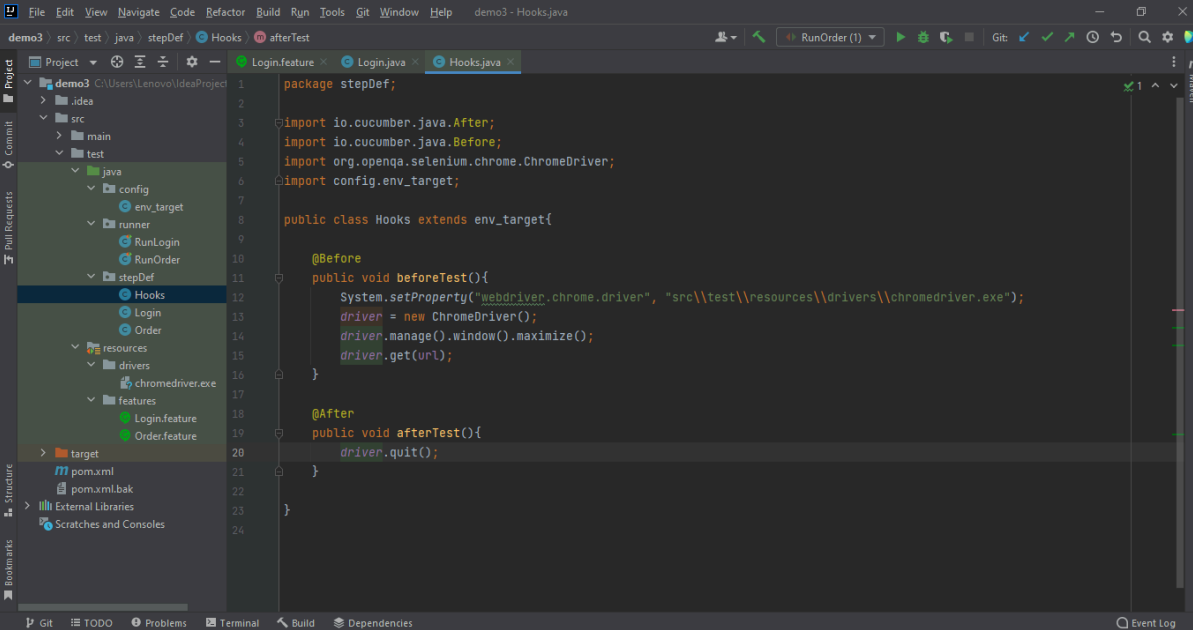
add data test in feature file



update stepDef

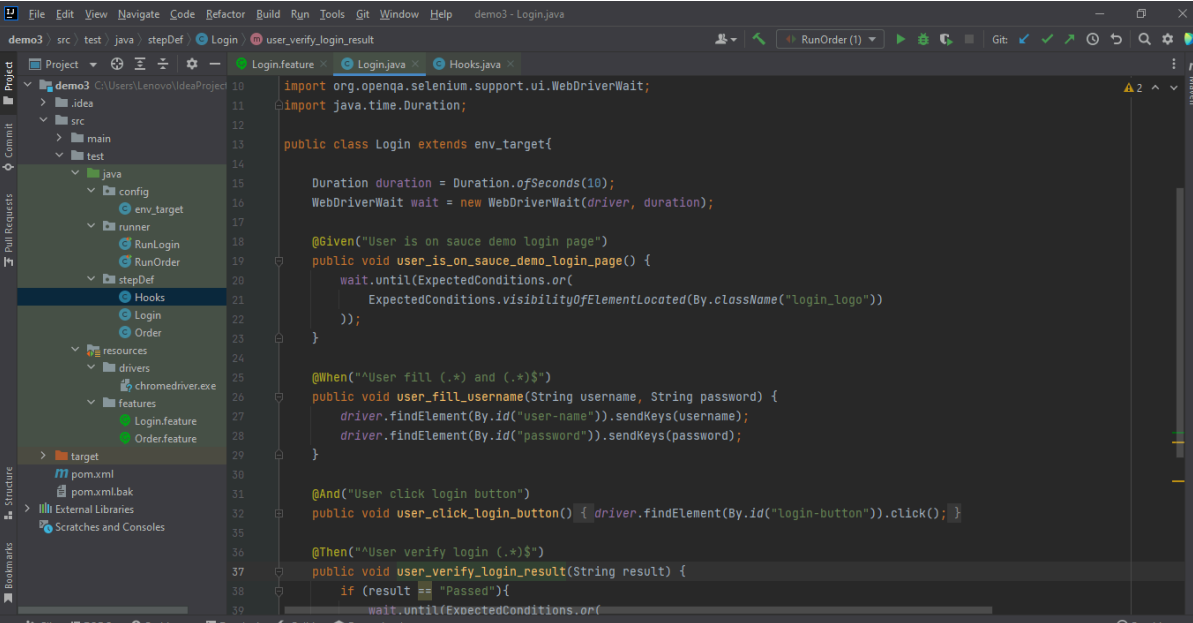


add hooks



The screenshot shows the IntelliJ IDEA IDE with the 'Hooks.java' file open in the editor. The file is part of the 'Hooks' feature in the 'demo3' project. The code defines a 'Hooks' class that extends 'env_target' and implements 'Before' and 'After' hooks for Selenium WebDriver. The 'Before' hook sets the WebDriver path and manages the window. The 'After' hook quits the driver.

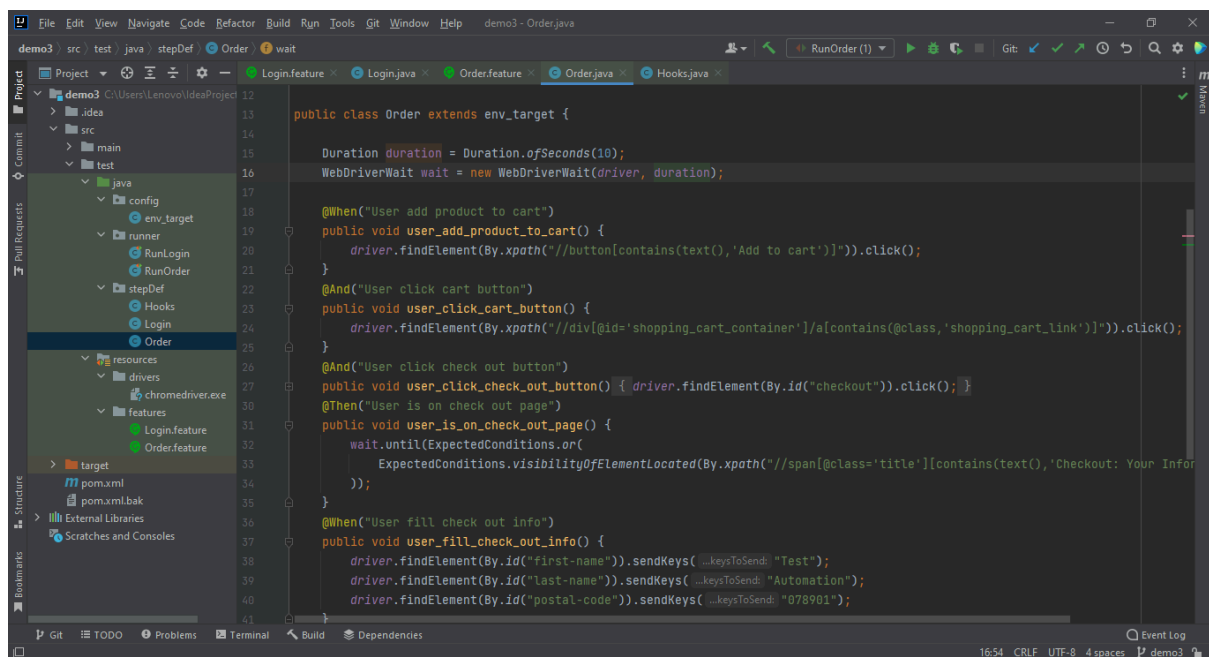
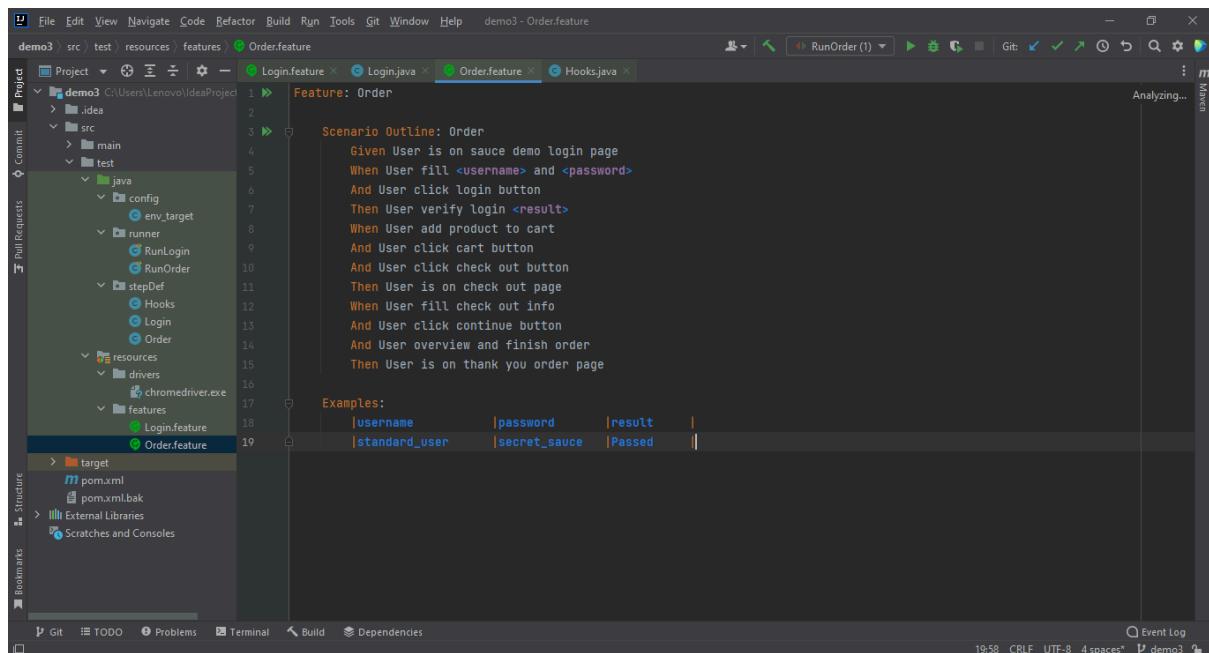
```
1 package stepDef;
2
3 import io.cucumber.java.After;
4 import io.cucumber.java.Before;
5 import org.openqa.selenium.chrome.ChromeDriver;
6 import config.env_target;
7
8 public class Hooks extends env_target{
9
10     @Before
11     public void beforeTest(){
12         System.setProperty("webdriver.chrome.driver", "src\\test\\resources\\drivers\\chromedriver.exe");
13         driver = new ChromeDriver();
14         driver.manage().window().maximize();
15         driver.get(url);
16     }
17
18     @After
19     public void afterTest(){
20         driver.quit();
21     }
22 }
23
24
```

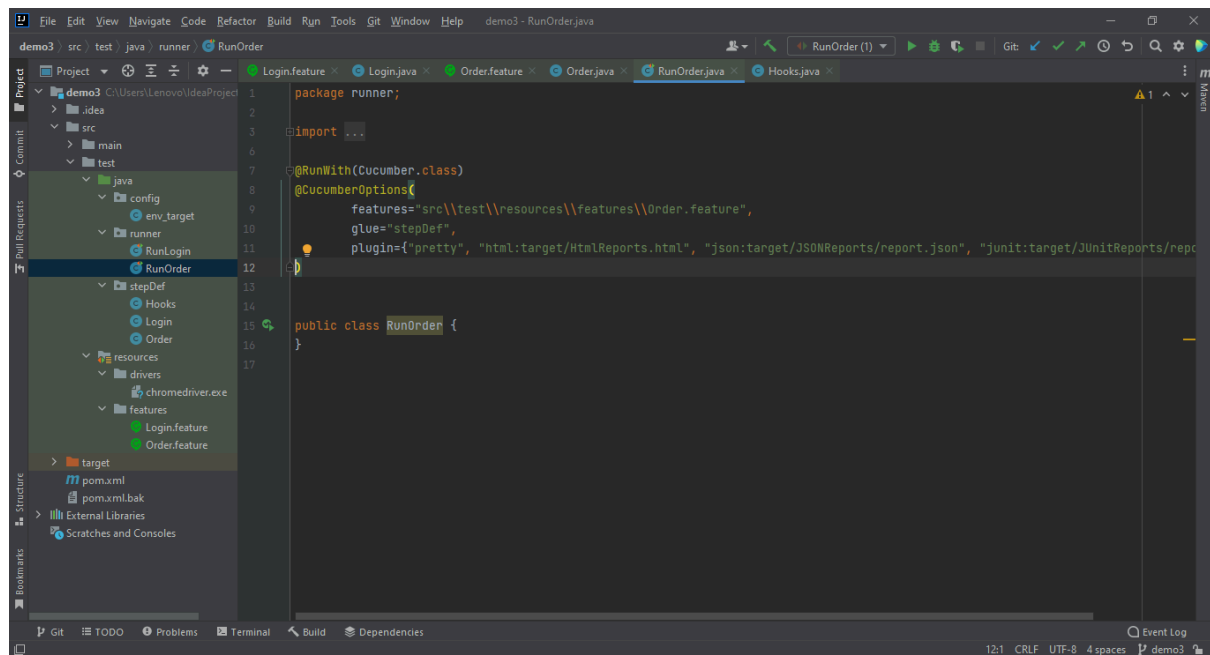


The screenshot shows the IntelliJ IDEA IDE with the 'Login.java' file open in the editor. The file is part of the 'Login' feature in the 'demo3' project. The code defines a 'Login' class that extends 'env_target' and implements 'Given', 'When', 'And', and 'Then' hooks for Selenium WebDriver. The 'Given' hook checks if the user is on the login page. The 'When' hook fills the username and password fields. The 'And' hook clicks the login button. The 'Then' hook verifies the login result.

```
10 import org.openqa.selenium.support.ui.WebDriverWait;
11 import java.time.Duration;
12
13 public class Login extends env_target{
14
15     Duration duration = Duration.ofSeconds(10);
16     WebDriverWait wait = new WebDriverWait(driver, duration);
17
18     @Given("User is on sauce demo login page")
19     public void user_is_on_sauce_demo_login_page() {
20         wait.until(ExpectedConditions.or(
21             ExpectedConditions.visibilityOfElementLocated(By.className("login_logo"))
22         ));
23     }
24
25     @When("^User fill (.*) and (.*)$")
26     public void user_fill_username(String username, String password) {
27         driver.findElement(By.id("user-name")).sendKeys(username);
28         driver.findElement(By.id("password")).sendKeys(password);
29     }
30
31     @And("User click login button")
32     public void user_click_login_button() { driver.findElement(By.id("login-button")).click(); }
33
34     @Then("^User verify login (.*)$")
35     public void user_verify_login_result(String result) {
36         if (result == "Passed"){
37             wait.until(ExpectedConditions.or(
38
39
```

add order feature





source code: <https://github.com/arbiminanda/dot-nest-automation/tree/demo3>

Note:

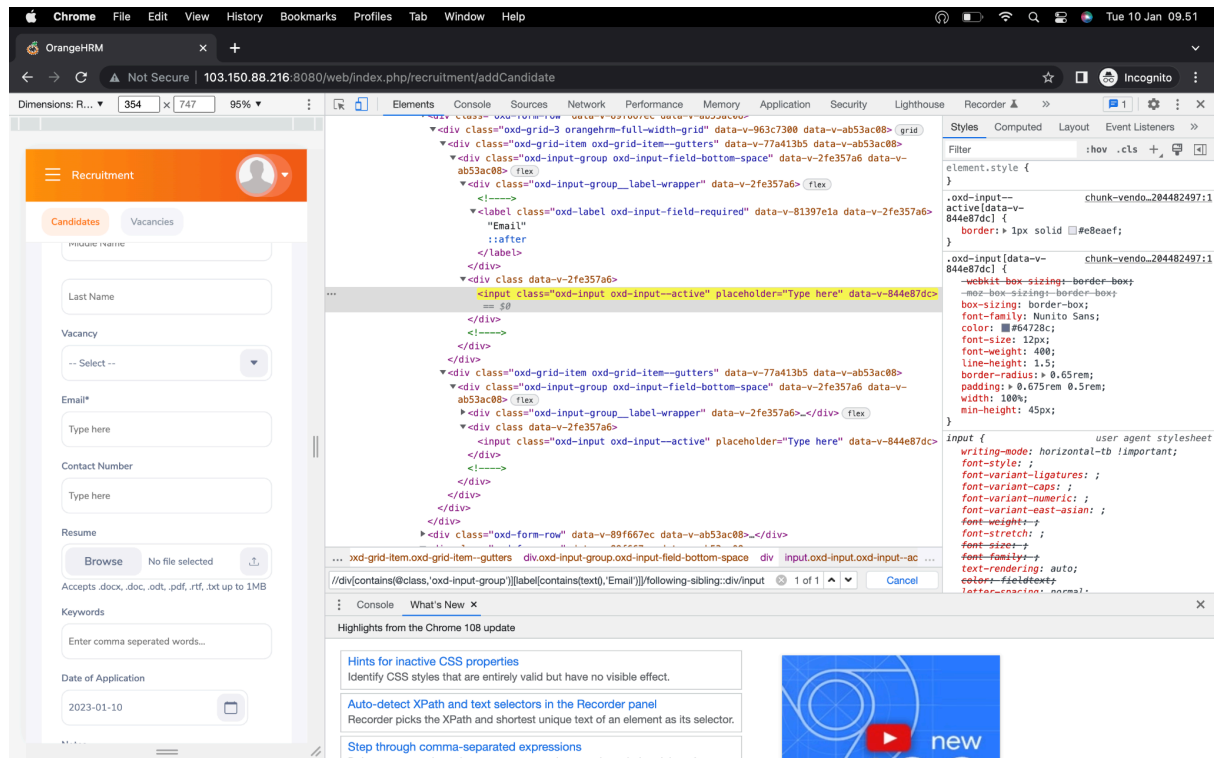
Youtube video: <https://youtu.be/0Lrh71tScZg>

Adjustment for Mac:

- change \\ to / in defining directory

XPATH

- Following Sibling



Others that usually used:

- preceding-sibling
- parent
- descendant

More:

<https://devhints.io/xpath>

https://www.wwp.northeastern.edu/outreach/seminars/intro_2017-02/presentations/xslt/xml_and_xpath_14.xhtml

Alternative web for Web Automation Project:

<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

Run via terminal using maven:

install maven: brew install maven

add this plugin and dependencies in pom.xml

```
<build>
  <pluginManagement>
    <plugins>
      <plugin>
        <groupId>org.apache.maven.plugins</groupId>
        <artifactId>maven-surefire-plugin</artifactId>
        <version>3.0.0-M8</version>
        <configuration>
          <includes>
            <include>**/runAll.java</include>
          </includes>
        </configuration>
      </plugin>
    </plugins>
  </pluginManagement>
</build>
```

```
<!--
https://mvnrepository.com/artifact/org.junit.vintage/junit-vintage-engine -->
<dependency>
  <groupId>org.junit.vintage</groupId>
  <artifactId>junit-vintage-engine</artifactId>
  <version>5.9.1</version>
  <scope>test</scope>
</dependency>
```

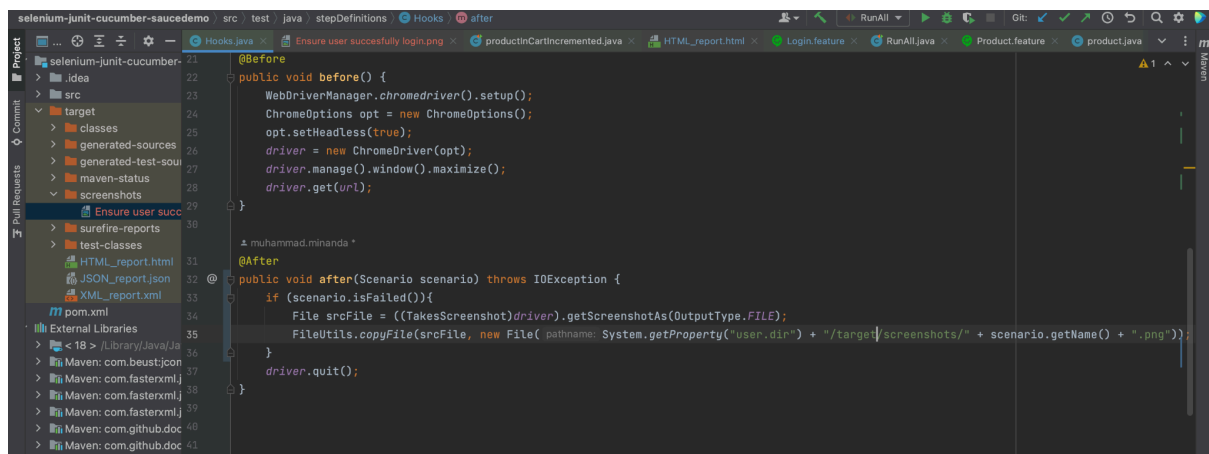
Adjust file name in include tag based on your runner class filename

and run from terminal,

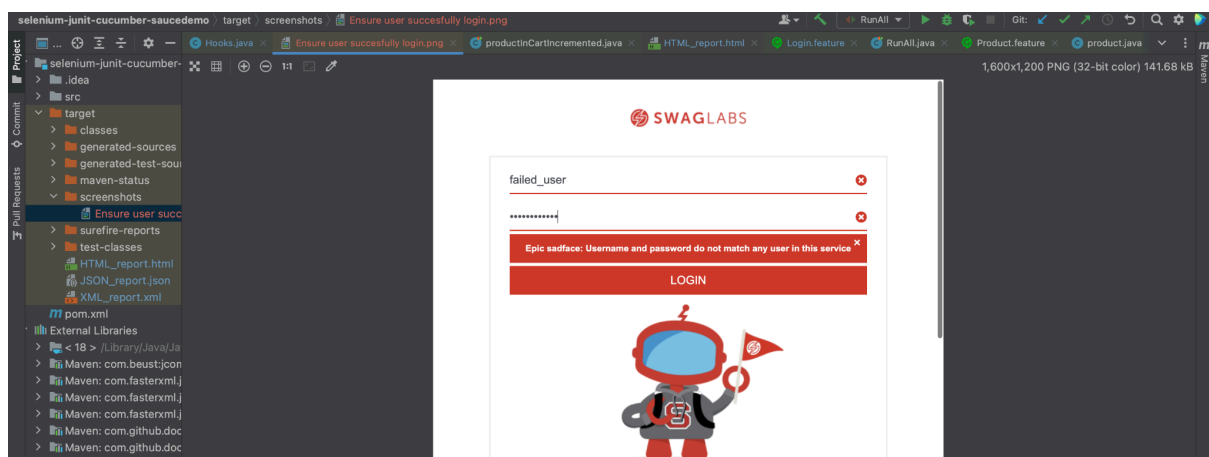
mvn compile

mvn clean test

Take screenshot when test case is failed



```
21 @Before
22 public void before() {
23     WebDriverManager.chromedriver().setup();
24     ChromeOptions opt = new ChromeOptions();
25     opt.setHeadless(true);
26     driver = new ChromeDriver(opt);
27     driver.manage().window().maximize();
28     driver.get(url);
29 }
30
31 @After
32 public void after(Scenario scenario) throws IOException {
33     if (scenario.isFailed()) {
34         File srcFile = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
35         FileUtils.copyFile(srcFile, new File(pathname: System.getProperty("user.dir") + "/target/screenshots/" + scenario.getName() + ".png"));
36     }
37     driver.quit();
38 }
```



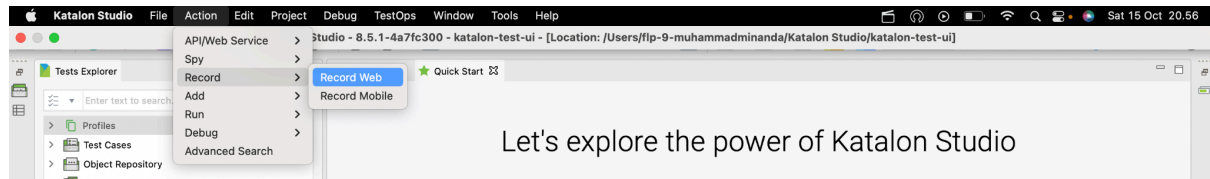
KATALON

Record: <https://katalon.com/resources-center/blog/katalon-automation-recorder>

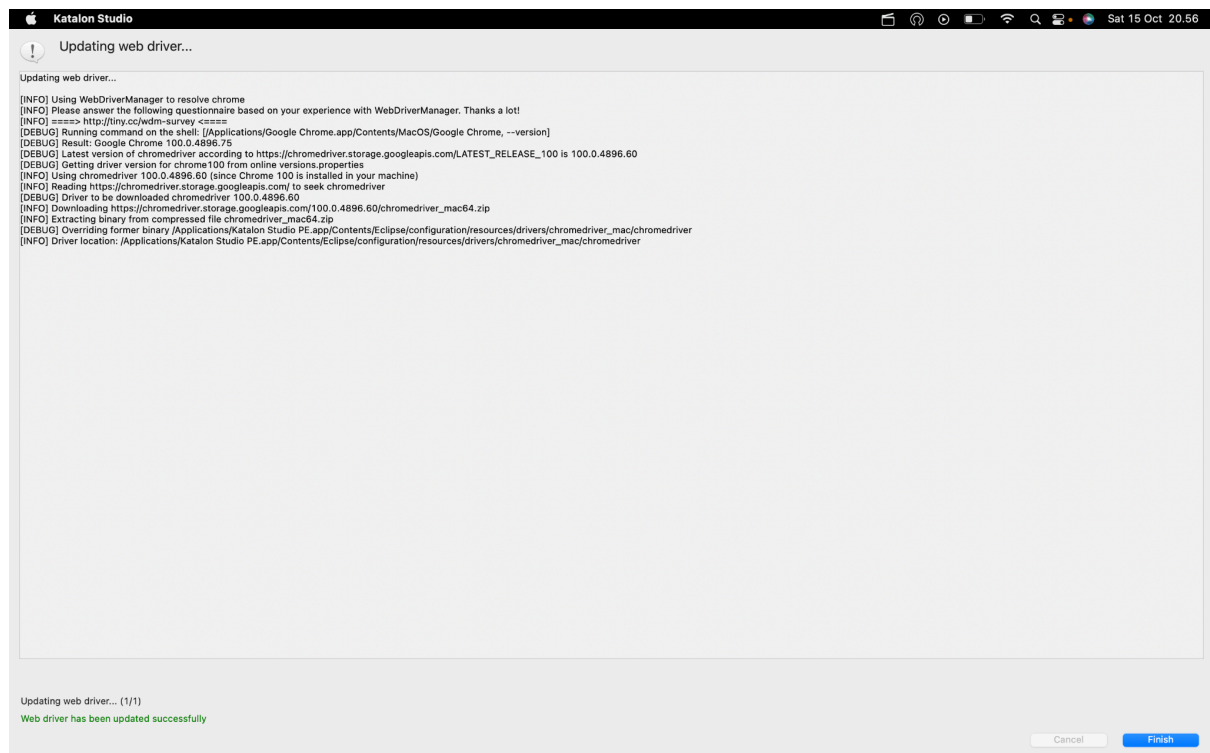
Start project: refer to Katalon API docs

Record:

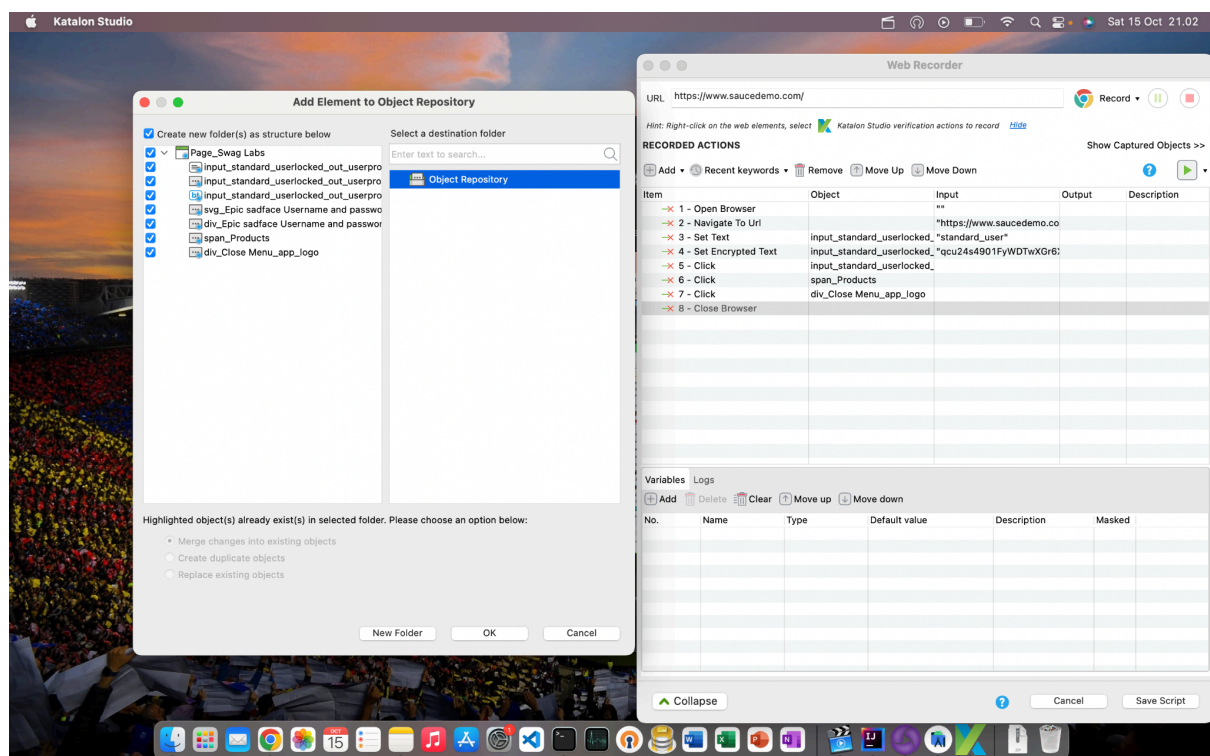
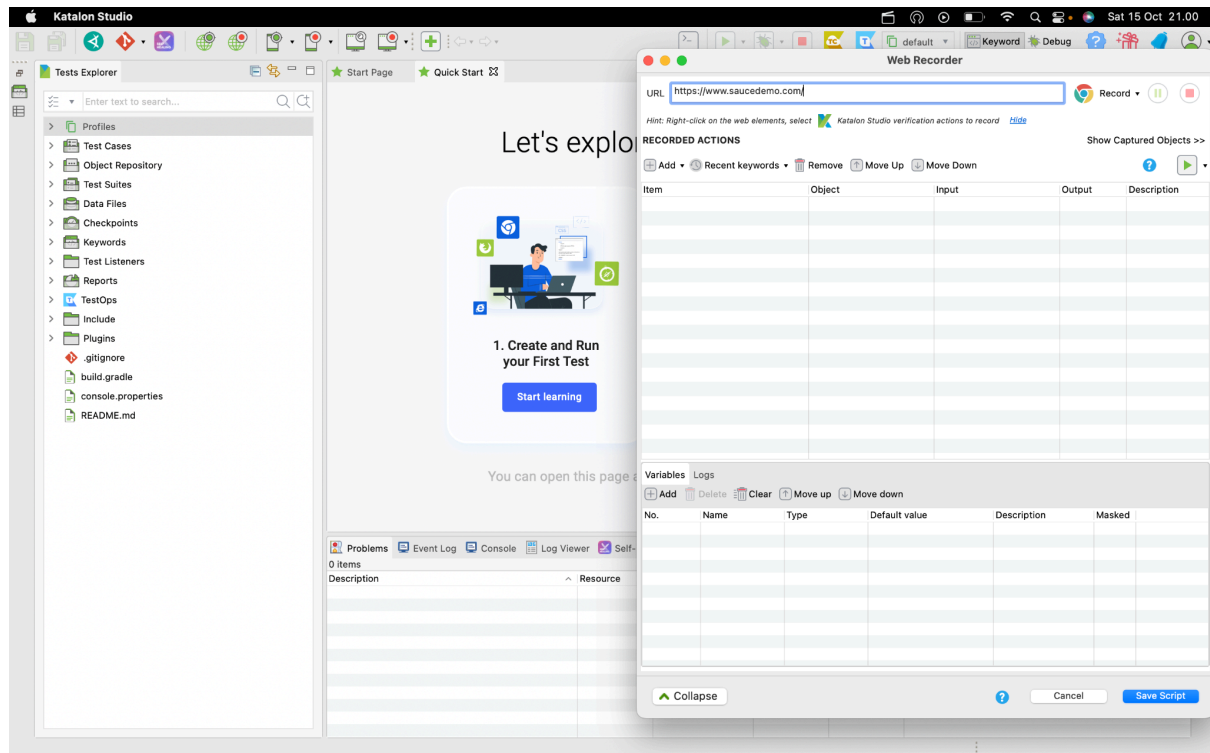
Action -> Record Web/Mobile

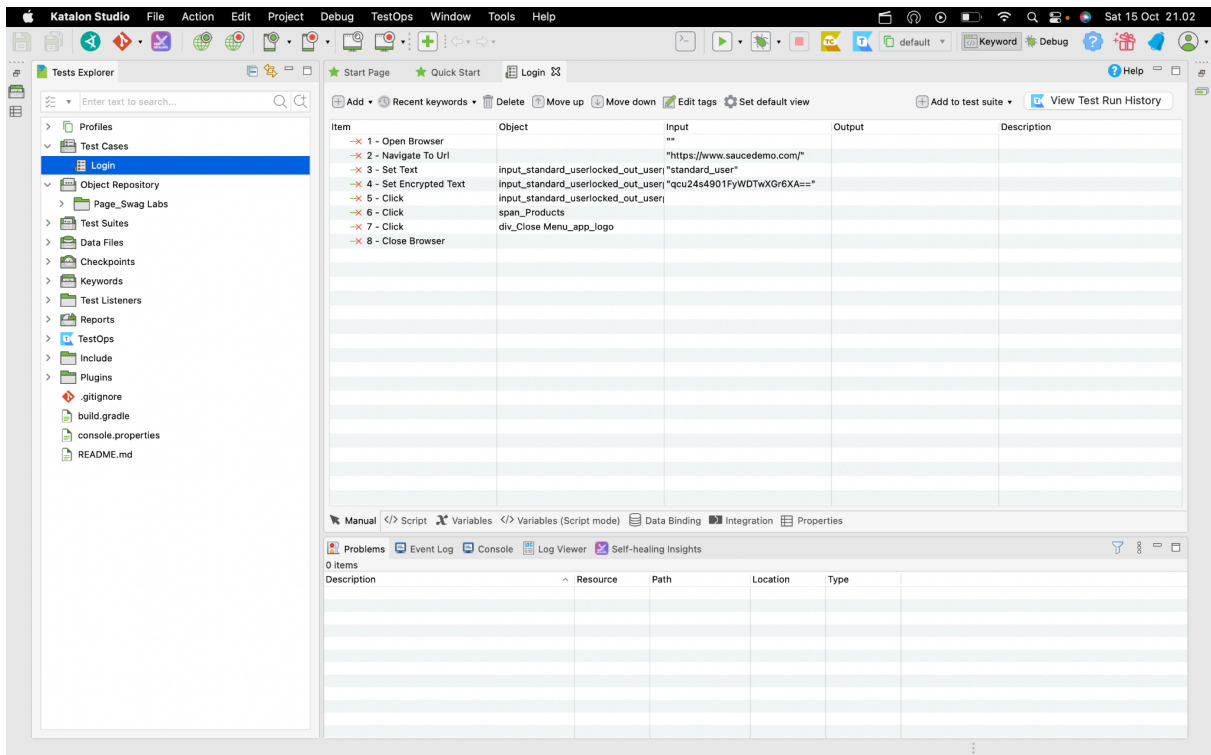
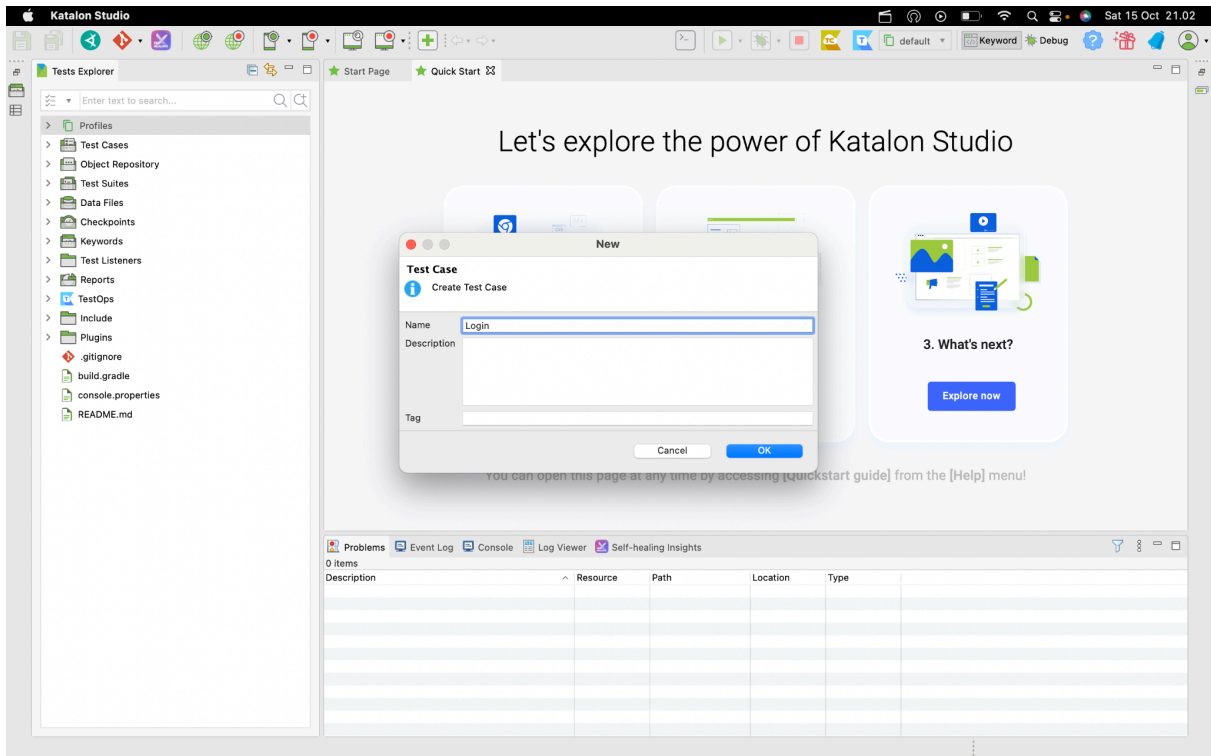


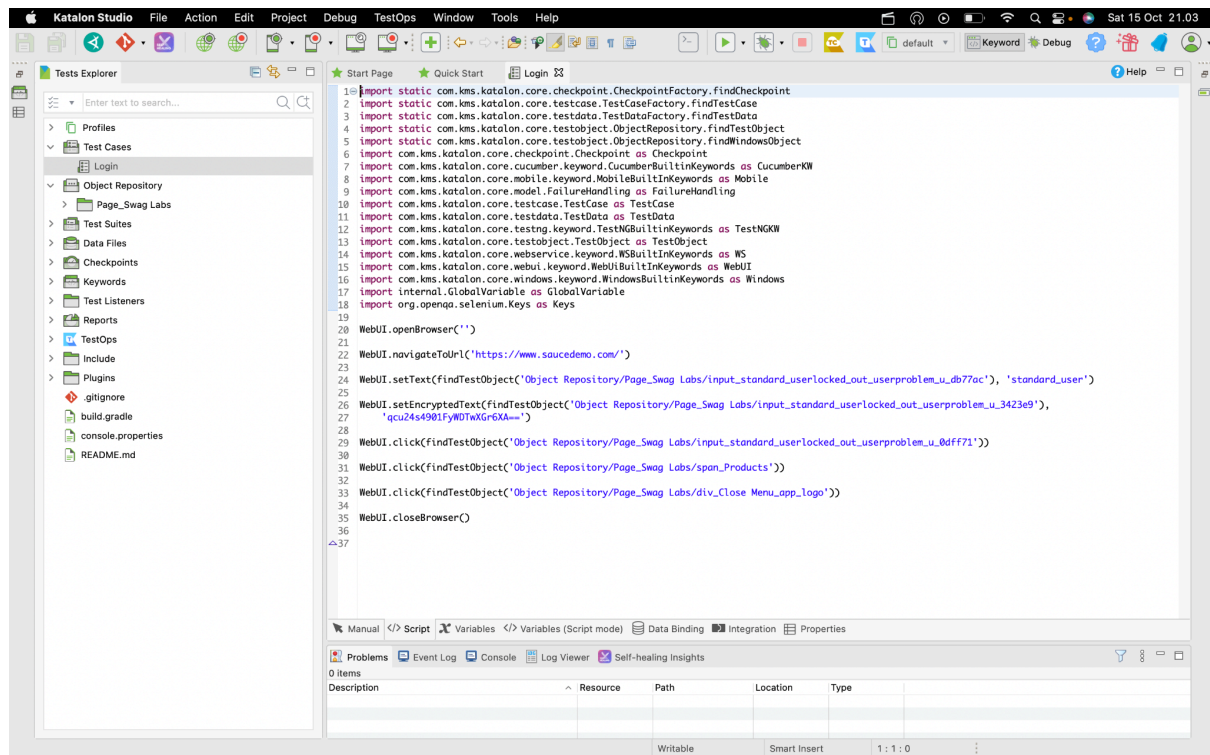
If needed to update chrome driver:



Next:

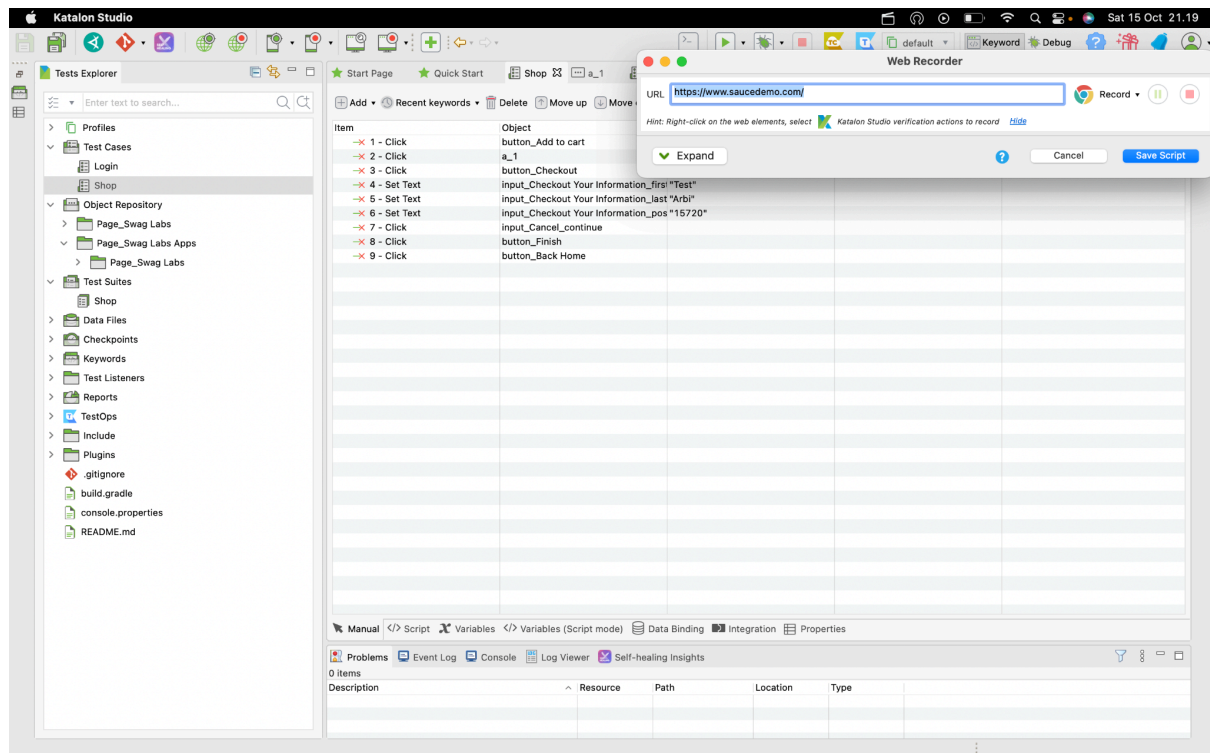


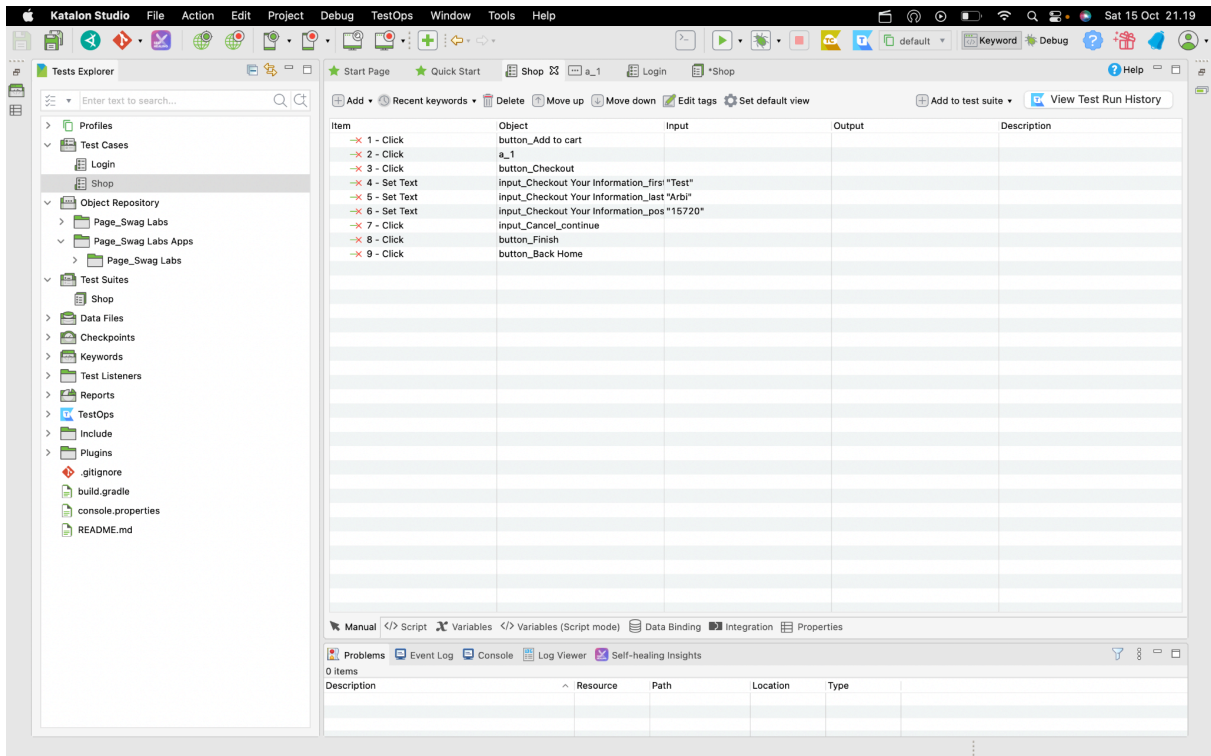




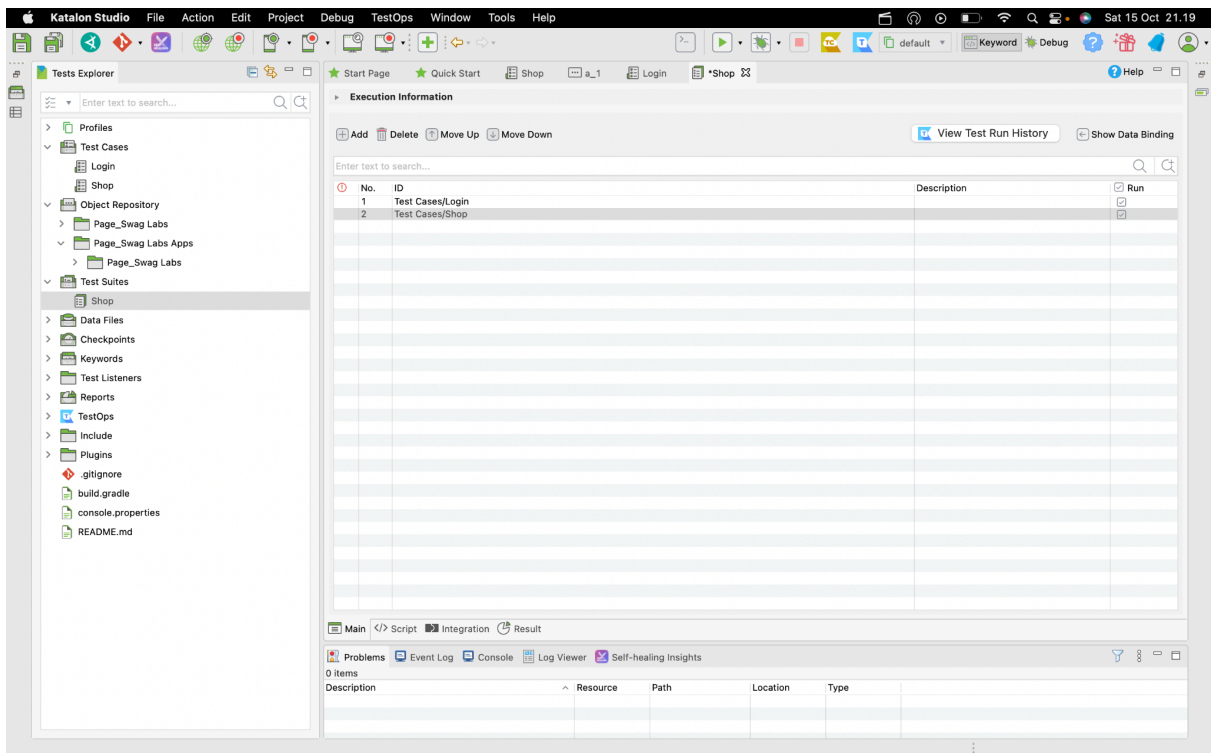
Record another Test Case:

Create new Test Case file first, and record again

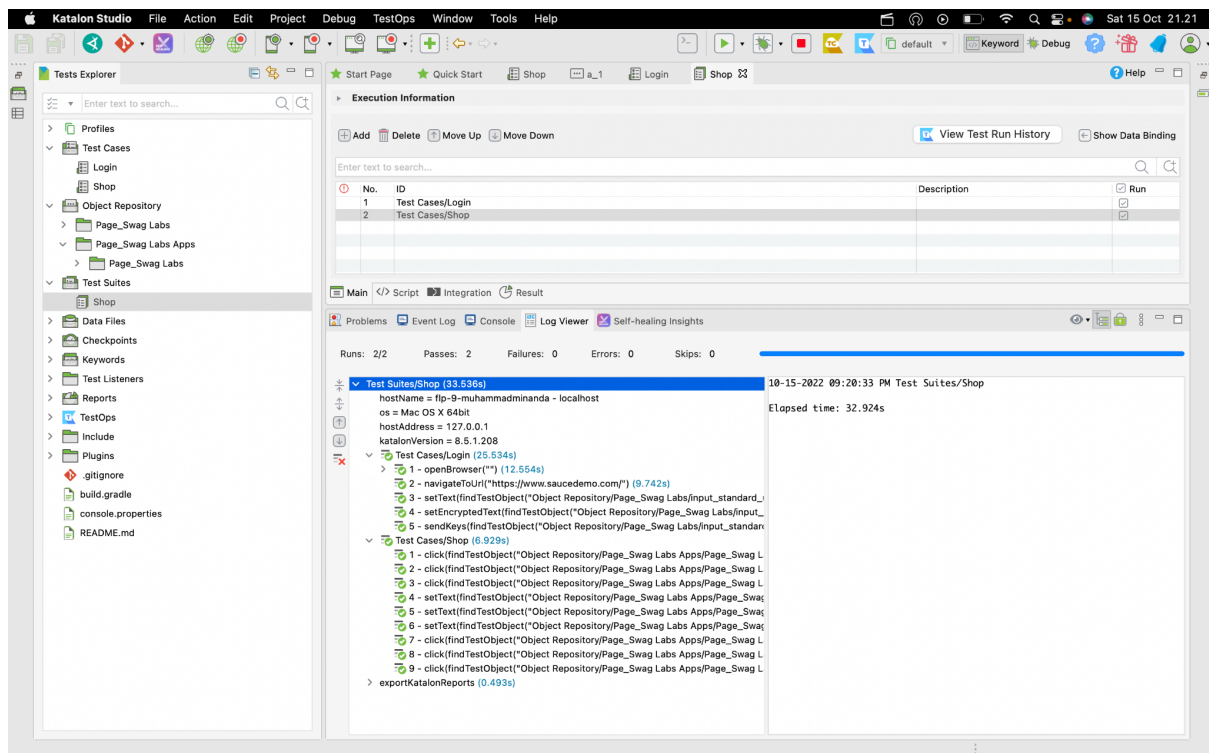
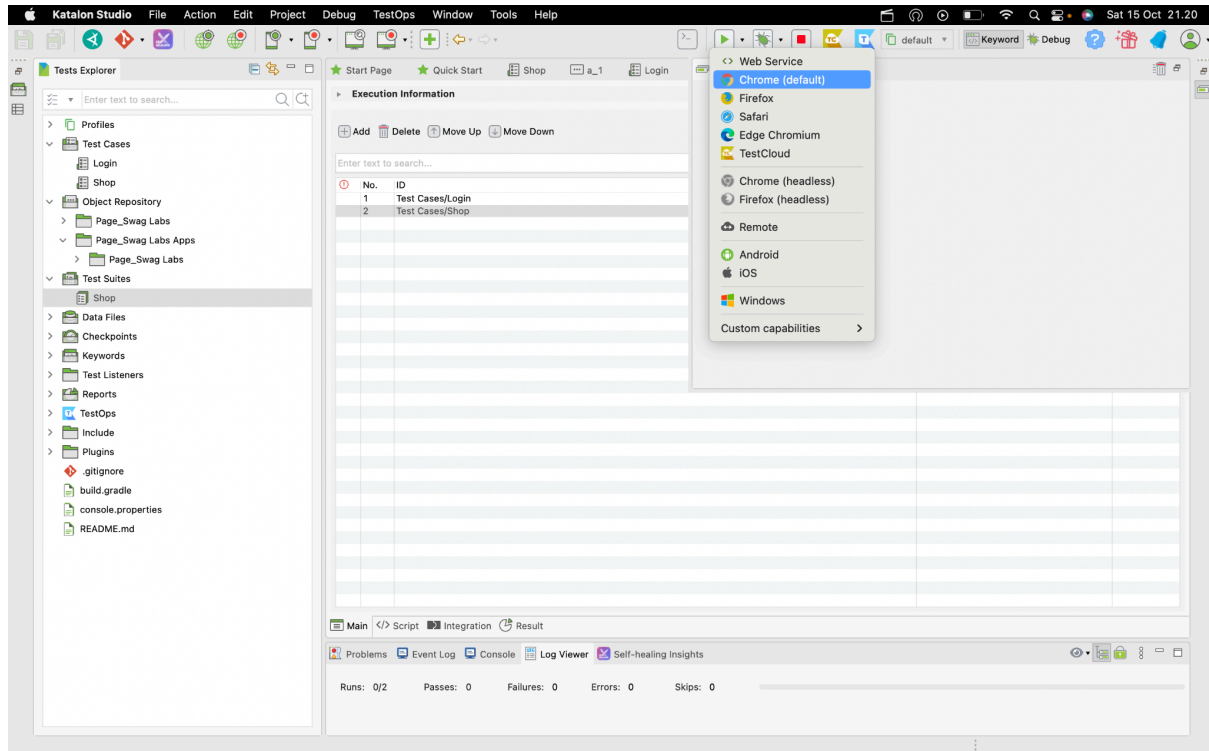




Create Test Suite



Try to Run:



See Report:

The screenshot displays the Katalon Studio application window. The top menu bar includes File, Action, Edit, Project, Debug, TestOps, Window, Tools, and Help. The left sidebar shows the 'Tests Explorer' with a tree view containing Profiles, Test Cases, Shop, Object Repository, Page_Swag Labs, Page_Swag Labs Apps, Page_Swag Labs, Test Suites, Shop, Data Files, Checkpoints, Keywords, Test Listeners, Reports, and 20221015_212019. The main area is divided into three panes: 'Test Cases Table' at the top, 'Summary' in the middle, and 'Problems' at the bottom. The 'Test Cases Table' shows a list of test cases with columns for No., Name, and Resolution. The 'Summary' pane shows the test suite 'Test Suites/Shop' with a status of 'Passed'. The 'Problems' pane shows the test execution log, including the test suite name, test case name, and the steps of the test execution.

No.	Name	Resolution
1	Login (25.534s)	
2	Shop (6.929s)	

Export report: [HTML](#) [CSV \(Summary\)](#) [CSV \(Details\)](#) [PDF](#)

Test Suite ID: [Test Suites/Shop](#)

Runs: 2/2 Passes: 2 Failures: 0 Errors: 0 Skips: 0

10-15-2022 09:20:33 PM Test Suites/Shop
Elapsed time: 32.924s

hostName = flp-9-muhammadminanda - localhost
os = Mac OS X 64bit
hostAddress = 127.0.0.1
katalonVersion = 8.5.1.208

Test Cases/Login (25.534s)

- 1 - openBrowser("") (12.554s)
- 2 - navigateToUrl("https://www.saucedemo.com/") (9.742s)
- 3 - setText(findTestObject("Object Repository/Page_Swag Labs/input_standard_userlocked_out_userproblem_u_db77ac"), "standard_user")
- 4 - setEncryptedText(findTestObject("Object Repository/Page_Swag Labs/input_standard_userlocked_out_userproblem_u_3423e9"), "qcu24s4901FyWDTwXGr6XA==")
- 5 - sendKeys(findTestObject("Object Repository/Page_Swag Labs/input_standard_userlocked_out_userproblem_u_3423e9"), Keys.chord(ENTER))

Test Cases/Shop (6.929s)

- 1 - click(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/button_Add to cart"))
- 2 - click(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/a_1"))
- 3 - click(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/button_Checkout"))
- 4 - setText(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/input_Checkout Your Information_firstName"), "Test")
- 5 - setText(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/input_Checkout Your Information_lastName"), "Arbi")
- 6 - setText(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/input_Checkout Your Information_postalCode"), "15720")
- 7 - click(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/input_Cancel_continue"))
- 8 - click(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/button_Finish"))

exportKatalonReports (0.493s)

Start generating HTML report folder at: /Users/flp-9-muhammadminanda
HTML report generated
Start generating CSV report folder at: /Users/flp-9-muhammadminanda
CSV report generated

TEST SUITE: Shop Expand All

Full Name: Shop

Start / End / Elapsed: 2022-10-15 21:20:33.020 / 2022-10-15 21:21:05.944 / 00:00:32.924

Status: 2 test total, 2 passed, 0 failed, 0 error, 0 incomplete, 0 skipped

TEST CASE: Test Cases/Login Expand All

Full Name: Shop/Test Cases/Login

Start / End / Elapsed: 2022-10-15 21:20:33.434 / 2022-10-15 21:20:58.968 / 00:00:25.534

Status: PASSED

TEST STEP: openBrowser("")

Start / End / Elapsed: 2022-10-15 21:20:33.854 / 2022-10-15 21:20:46.408 / 00:00:12.554

21:20:34.094 INFO Starting 'Chrome' driver

21:20:34.135 INFO Action delay is set to 0 milliseconds

21:20:46.407 PASSED Browser is opened with url: ''

TEST STEP: navigateToUrl("https://www.saucedemo.com/")

Start / End / Elapsed: 2022-10-15 21:20:46.409 / 2022-10-15 21:20:56.151 / 00:00:09.742

21:20:56.148 PASSED Navigate to 'https://www.saucedemo.com/' successfully

TEST STEP: setText(findTestObject("Object Repository/Page_Swag Labs/input_standard_userlocked_out_userproblem_u_db77ac"), "standard_user")

Start / End / Elapsed: 2022-10-15 21:20:56.151 / 2022-10-15 21:20:57.330 / 00:00:01.179

21:20:57.328 PASSED Text 'standard_user' is set on object 'Object Repository/Page_Swag Labs/input_standard_userlocked_out_userproblem_u_db77ac'

TEST STEP: setEncryptedText(findTestObject("Object Repository/Page_Swag Labs/input_standard_userlocked_out_userproblem_u_3423e9"), "qcu24s4901FyWDTwXGr6XA==")

Start / End / Elapsed: 2022-10-15 21:20:57.331 / 2022-10-15 21:20:57.918 / 00:00:00.587

21:20:57.916 PASSED Text '*****' has been set on object 'Object Repository/Page_Swag Labs/input_standard_userlocked_out_userproblem_u_3423e9'

TEST STEP: sendKeys(findTestObject("Object Repository/Page_Swag Labs/input_standard_userlocked_out_userproblem_u_3423e9"), Keys.chord(ENTER))

Start / End / Elapsed: 2022-10-15 21:20:57.918 / 2022-10-15 21:20:58.963 / 00:00:01.045

21:20:58.960 PASSED Keys 'ENTER + ' sent to object: 'Object Repository/Page_Swag Labs/input_standard_userlocked_out_userproblem_u_3423e9'

TEST CASE: Test Cases/Shop Expand All

Full Name: Shop/Test Cases/Shop

Start / End / Elapsed: 2022-10-15 21:20:59.015 / 2022-10-15 21:21:05.944 / 00:00:06.929

Status: PASSED

TEST STEP: click(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/button_Add to cart"))

Start / End / Elapsed: 2022-10-15 21:20:59.333 / 2022-10-15 21:21:00.046 / 00:00:00.713

21:21:00.044 PASSED Object: 'Object Repository/Page_Swag Labs Apps/Page_Swag Labs/button_Add to cart' is clicked on

TEST STEP: click(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/a_1"))

Start / End / Elapsed: 2022-10-15 21:21:00.046 / 2022-10-15 21:21:00.521 / 00:00:00.475

21:21:00.520 PASSED Object: 'Object Repository/Page_Swag Labs Apps/Page_Swag Labs/a_1' is clicked on

TEST STEP: click(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/button_Checkout"))

Start / End / Elapsed: 2022-10-15 21:21:00.521 / 2022-10-15 21:21:01.099 / 00:00:00.578

21:21:01.096 PASSED Object: 'Object Repository/Page_Swag Labs Apps/Page_Swag Labs/button_Checkout' is clicked on

TEST STEP: setText(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/input_Checkout Your Information_firstName"), "Test")

Start / End / Elapsed: 2022-10-15 21:21:01.099 / 2022-10-15 21:21:02.274 / 00:00:01.175

21:21:02.273 PASSED Text 'Test' is set on object 'Object Repository/Page_Swag Labs Apps/Page_Swag Labs/input_Checkout Your Information_firstName'

TEST STEP: setText(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/input_Checkout Your Information_lastName"), "Arbi")

Start / End / Elapsed: 2022-10-15 21:21:02.274 / 2022-10-15 21:21:03.184 / 00:00:00.910

21:21:03.182 PASSED Text 'Arbi' is set on object 'Object Repository/Page_Swag Labs Apps/Page_Swag Labs/input_Checkout Your Information_lastName'

TEST STEP: setText(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/input_Checkout Your Information_postalCode"), "15720")

Start / End / Elapsed: 2022-10-15 21:21:03.185 / 2022-10-15 21:21:04.058 / 00:00:00.873

21:21:04.057 PASSED Text '15720' is set on object 'Object Repository/Page_Swag Labs Apps/Page_Swag Labs/input_Checkout Your Information_postalCode'

TEST STEP: click(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/input_Cancel_continue"))

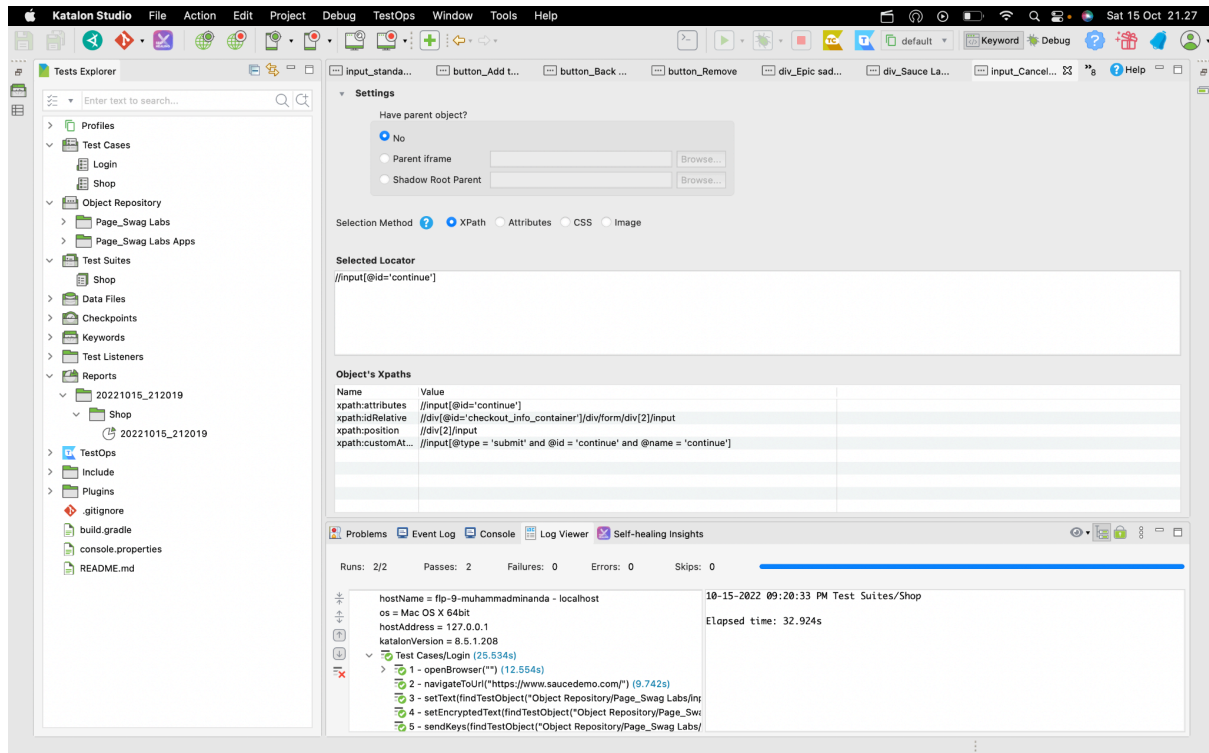
Start / End / Elapsed: 2022-10-15 21:21:04.059 / 2022-10-15 21:21:04.739 / 00:00:00.680

21:21:04.735 PASSED Object: 'Object Repository/Page_Swag Labs Apps/Page_Swag Labs/input_Cancel_continue' is clicked on

TEST STEP: click(findTestObject("Object Repository/Page_Swag Labs Apps/Page_Swag Labs/button_Finish"))

Object Repo:

You can create by your self and fill with result from getting element locator via browser manually, you can use this repo on test case by refer to correct directory



To get current directory:

```
import com.kms.katalon.core.configuration.RunConfiguration
String dirName = RunConfiguration.getProjectDir()
```

To Record current tab:

Spy Object via Katalon and you must install Katalon Recorder extension

to assert element:

<https://docs.katalon.com/docs/author/keywords/keyword-description-in-katalon-studio/web-ui-keywords/webui-verify-element-present>

The screenshot shows the Katalon Studio documentation page for the 'Verify Element Present' keyword. The page is titled '[WebUI] Verify Element Present' and includes a description, parameters, and returns sections.

Description

Verify if the given web element does present on DOM.

Parameters #

Param	Param Type	Mandatory	Description
to	TestObject	Required	Represent a web element.
timeout	int	Required	System will wait at most timeout (seconds) to return result
flowControl	FailureHandling	Optional	Specify failure handling schema to determine whether the execution should be allowed to continue or stop

Returns

Param Type	Description
	• true: the element presents.

Implement BDD

Create feature file

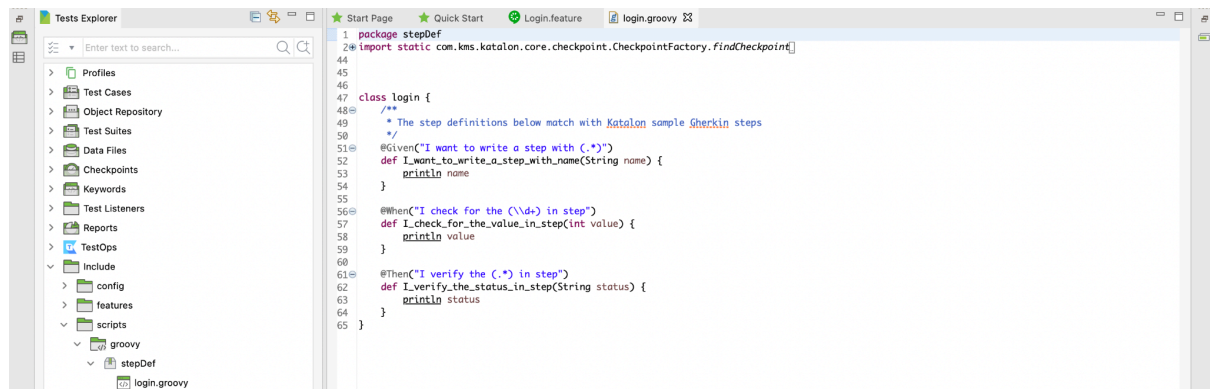
The screenshot shows the Katalon Studio IDE with a feature file named 'Login.feature' open. The file contains a Gherkin script for a login feature.

```
1 #Author: your_email@your_domain.com
2 #Keywords Summary :
3 #Feature: List of scenarios.
4 #Scenario: Business rule through list of steps with arguments.
5 #Given: Some precondition step
6 #When: Some key actions
7 #Then: To observe outcomes or validation
8 #And, But: To enumerate more Given, When, Then steps
9 #Scenario Outline: List of steps for data-driven as an Examples and <placeholder>
10 #Examples: Container for s table
11 #Background: List of steps run before each of the scenarios
12 #"" (Doc Strings)
13 #| (Data Tables)
14 ## (Tags/Labels): To group Scenarios
15 #<> (placeholder)
16 #""
17 ## (Comments)
18 #Sample Feature Definition Template
19 @tag
20 Feature: Title of your feature
21 I want to use this template for my feature file
22
23 @tag1
24 Scenario Outline: Title of your scenario outline
25 Given I want to write a step with <name>
26 When I check for the <value> in step
27 Then I verify the <status> in step
28
29 Examples:
30 | name | value | status |
31 | name1 | 5 | success |
32 | name2 | 7 | Fail |
```

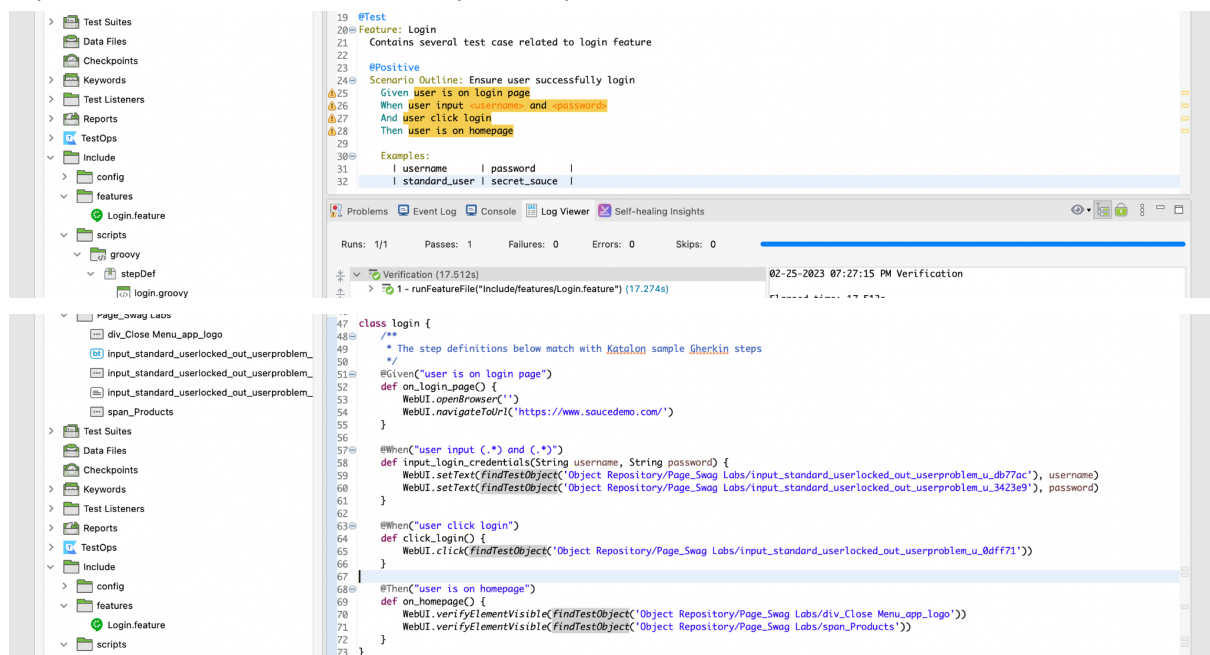
Create step def

The screenshot shows the Katalon Studio IDE with the 'Step Definition' dialog box open. The dialog box is used to create a new step definition for the 'Then I verify the <status> in step' step in the 'Login.feature' file.

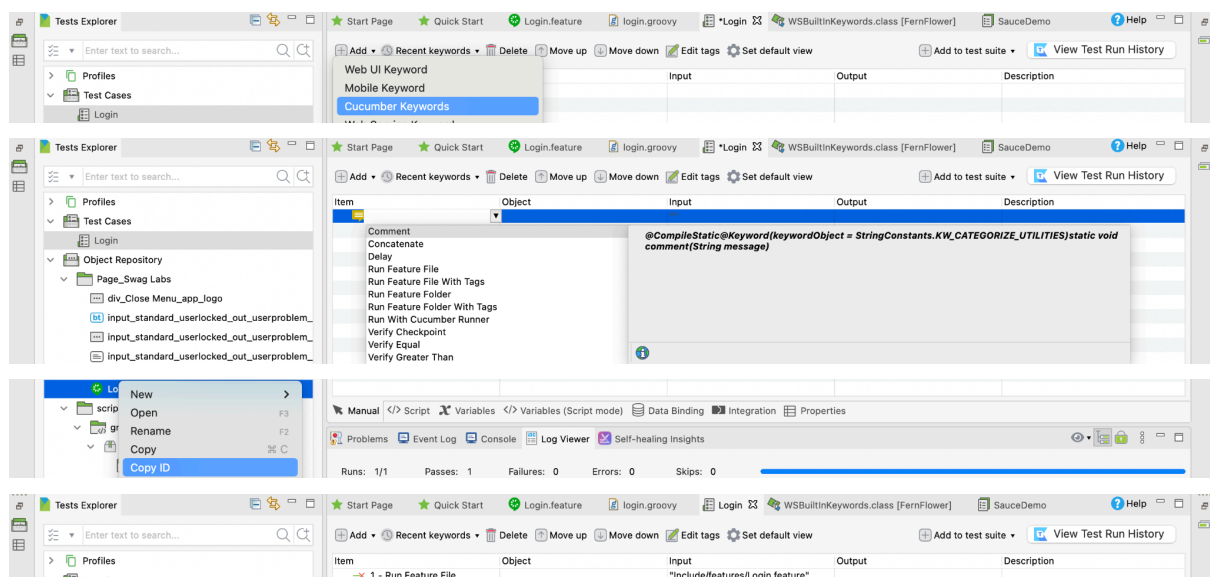
The dialog box has a 'New' button and a 'Step Definition' dropdown menu. The dropdown menu is open, showing options: 'Java Class', 'Package', and 'Package'. The 'Package' option is selected.



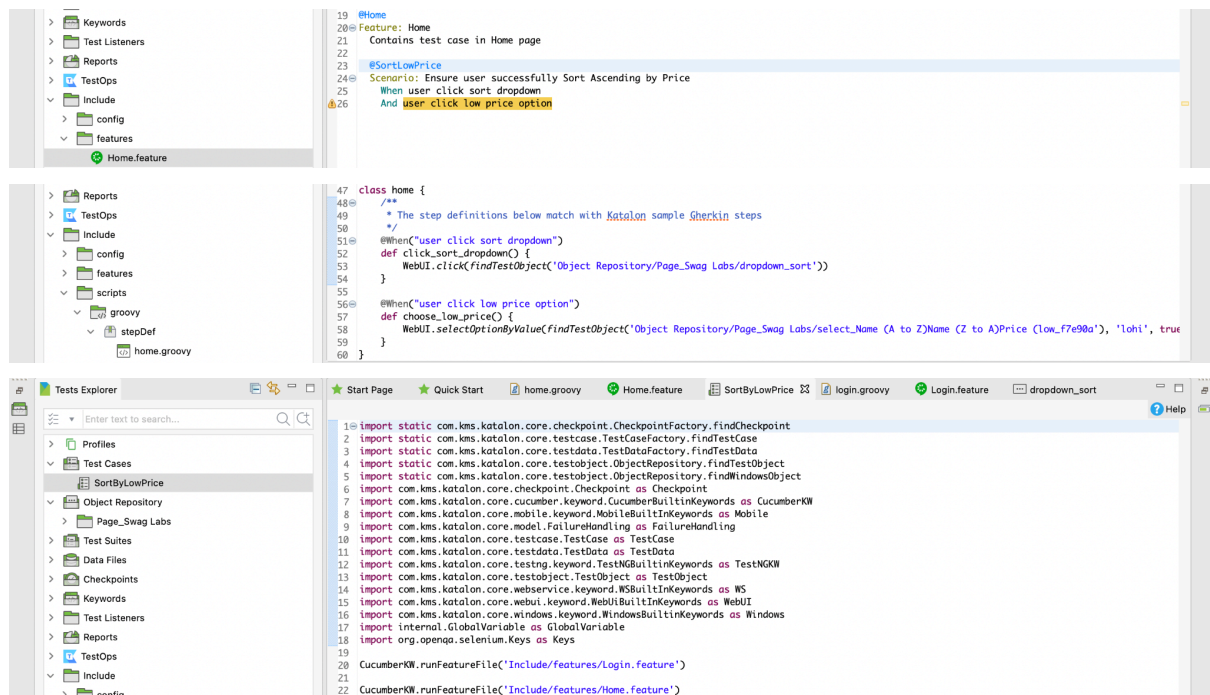
Implementation similar with Java. Simple Example:



You can add feature file to Test Case



Implement multiple feature file



In Katalon, different feature file can be run in same session, this can't be implemented in Selenium using Java

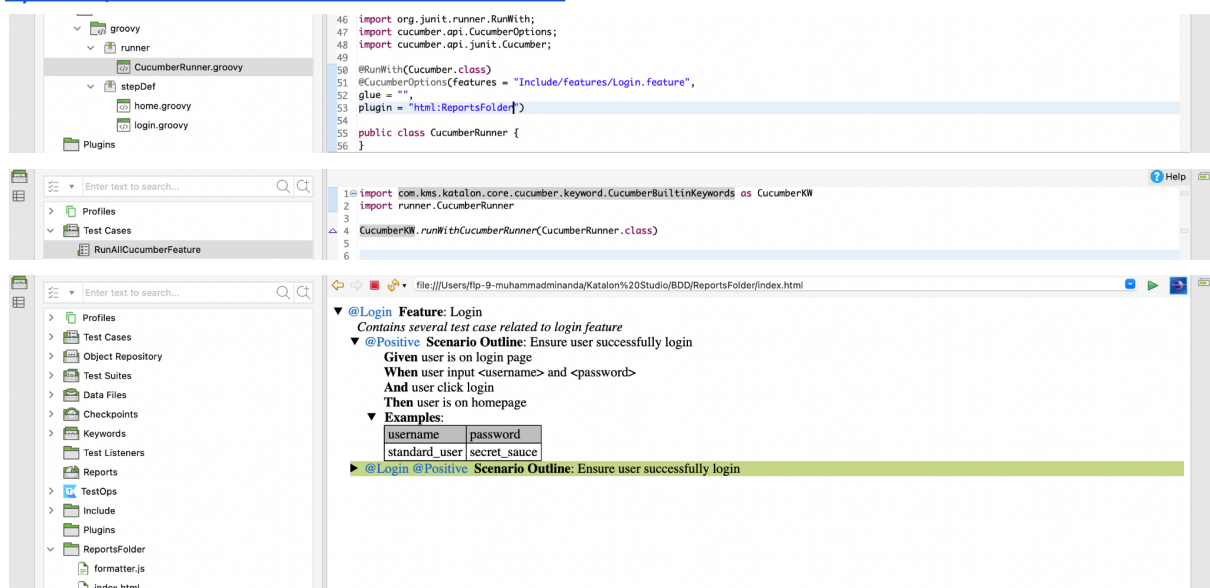
For run specific scenario in Test Cases, seems you must run by using Cucumber Runner, but using cucumber runner not support to run different feature files in the same sessions



Implement Cucumber Runner

Docs:

<https://docs.katalon.com/docs/author/keywords/keyword-description-in-katalon-studio/cucumber-keywords/cucumber-run-with-cucumber-runner>



<https://forum.katalon.com/t/how-to-extract-the-token-from-browser-session-and-use-it-later/39302/3>