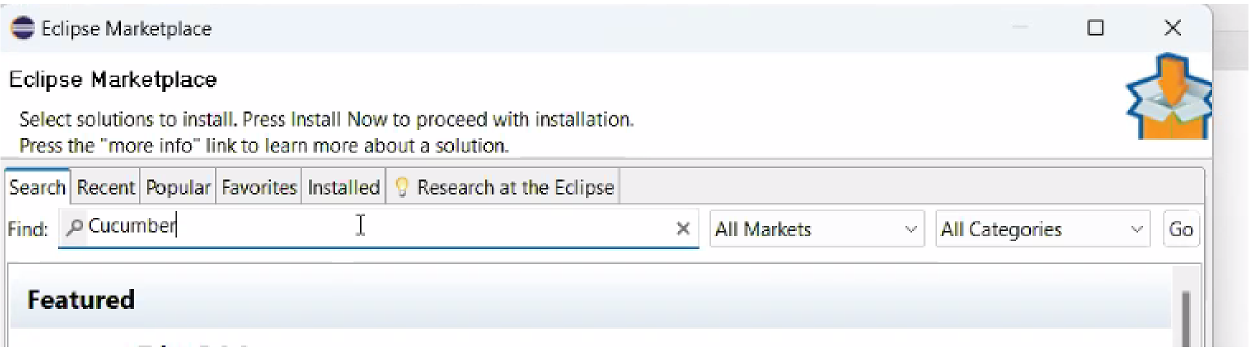
1.Cucumber Setup(Maven,Extent Reports,and Cucumber Eclipse Plugin):

Install Cucumber plugin in Eclipse

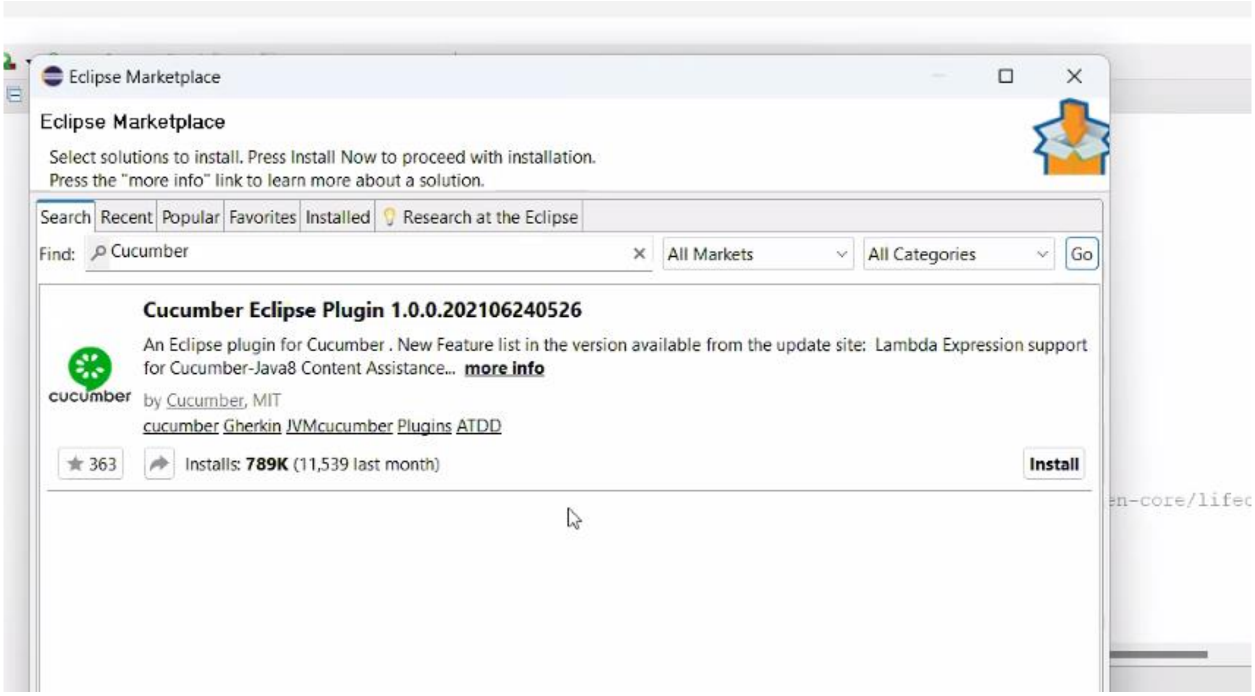


Eclipse Marketplace

Eclipse Marketplace

Select solutions to install. Press Install Now to proceed with installation.
Press the "more info" link to learn more about a solution.

Find: Cucumber



Eclipse Marketplace

Eclipse Marketplace

Select solutions to install. Press Install Now to proceed with installation.
Press the "more info" link to learn more about a solution.

Find: Cucumber

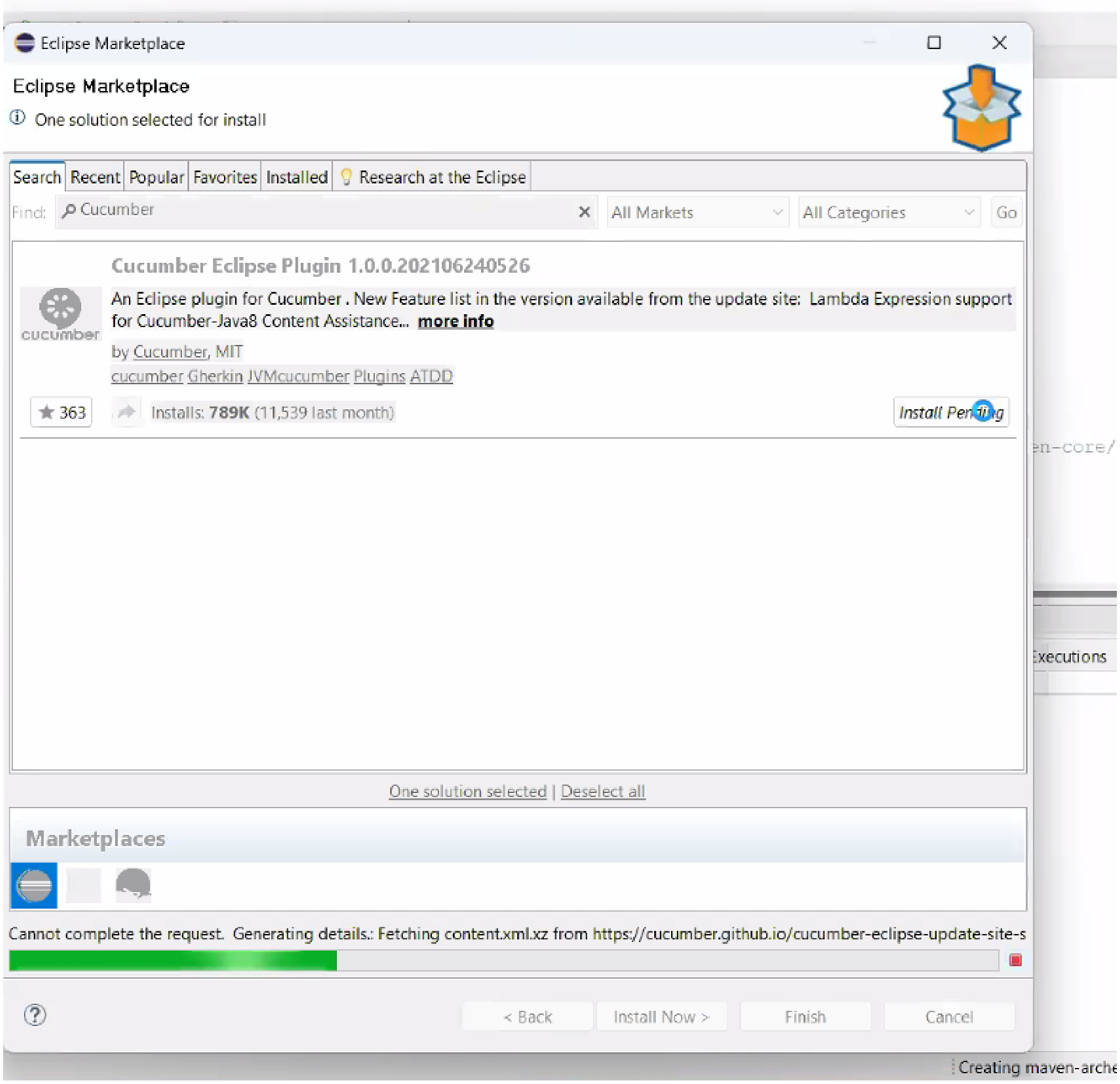
Cucumber Eclipse Plugin 1.0.0.202106240526

An Eclipse plugin for Cucumber . New Feature list in the version available from the update site: Lambda Expression support for Cucumber-Java8 Content Assistance... **more info**

by Cucumber, MIT

cucumber Gherkin JVMcucumber Plugins ATDD

★ 363 Installs: **789K** (11,539 last month)



Eclipse Marketplace

Eclipse Marketplace

One solution selected for install

Cucumber Eclipse Plugin 1.0.0.202106240526

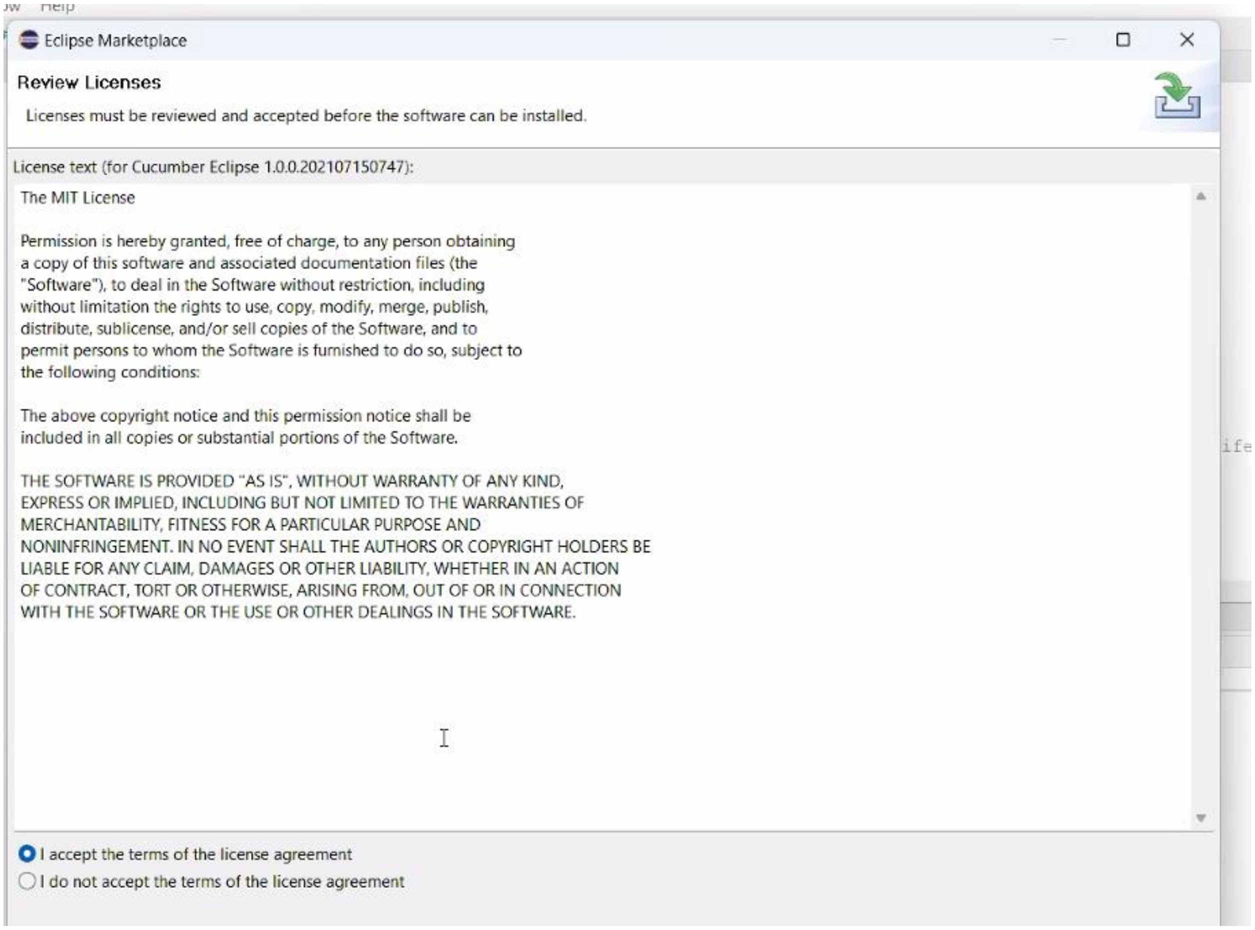
An Eclipse plugin for Cucumber . New Feature list in the version available from the update site: Lambda Expression support for Cucumber-Java8 Content Assistance... more info

by Cucumber, MIT

cucumber Gherkin JVMcucumber Plugins ATDD

363 Installs: 789K (11,539 last month)

Cannot complete the request. Generating details.: Fetching content.xml.xz from https://cucumber.github.io/cucumber-eclipse-update-site-s



Review Licenses

Licenses must be reviewed and accepted before the software can be installed.

License text (for Cucumber Eclipse 1.0.0.202107150747):

The MIT License

Permission is hereby granted, free of charge, to any person obtaining
a copy of this software and associated documentation files (the
"Software"), to deal in the Software without restriction, including
without limitation the rights to use, copy, modify, merge, publish,
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LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION
OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION
WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

● I accept the terms of the license agreement

○ I do not accept the terms of the license agreement

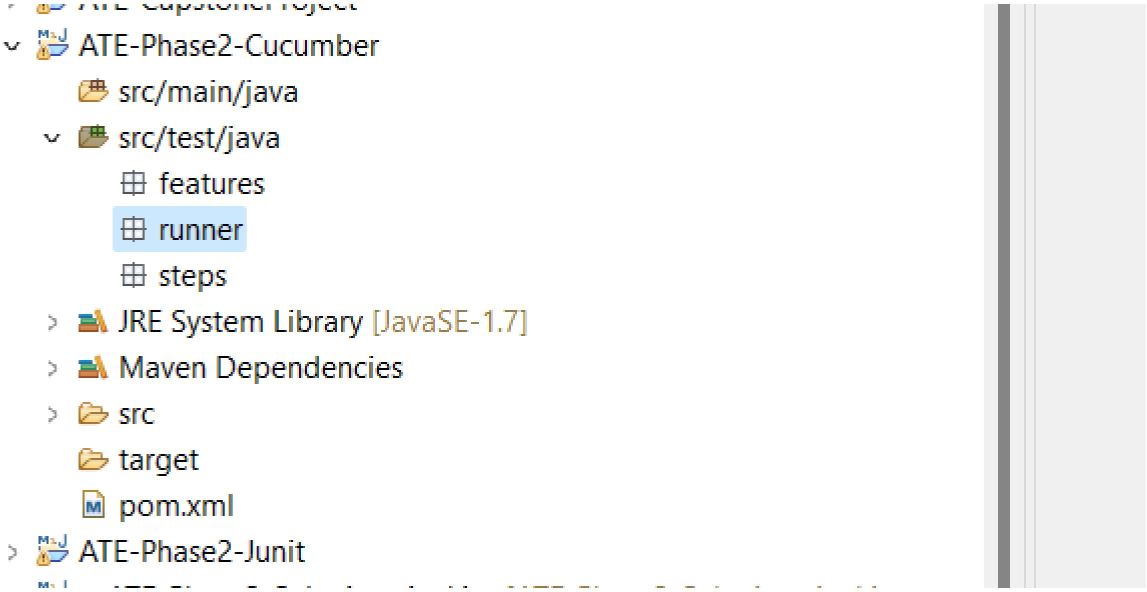
Select all trusted sites and click on Restart eclipse.

Go to Your cucumber project → POM.xml file and remove the existing depenedecies section.Compelte section remove it.

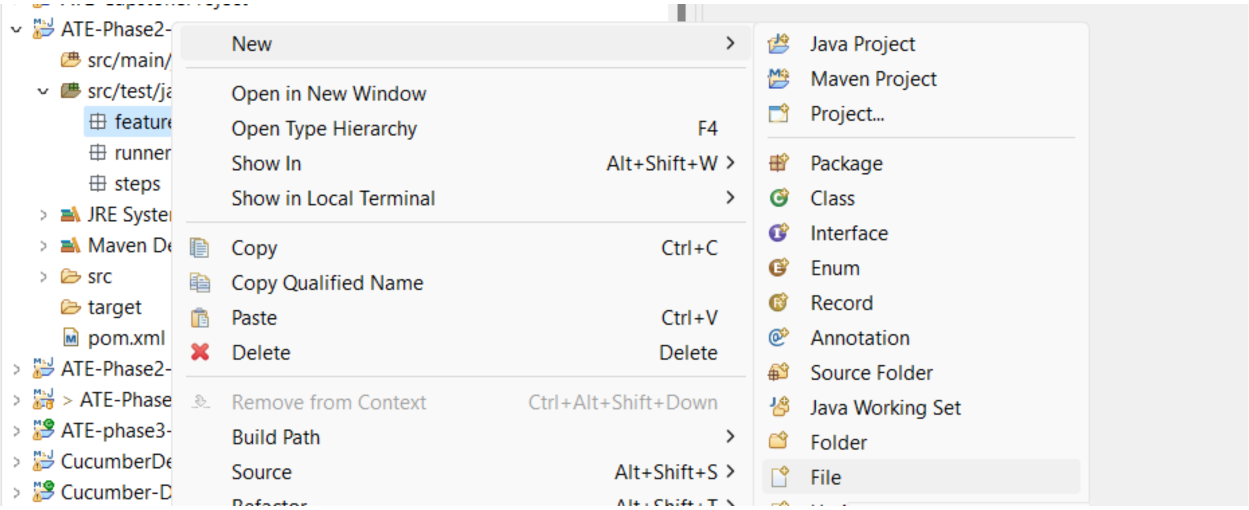
Go to Your cucumber project → POM.xml file and remove the existing depenedecies section.Compelte section remove it.

Demo 2: Feature file in Cucumber:

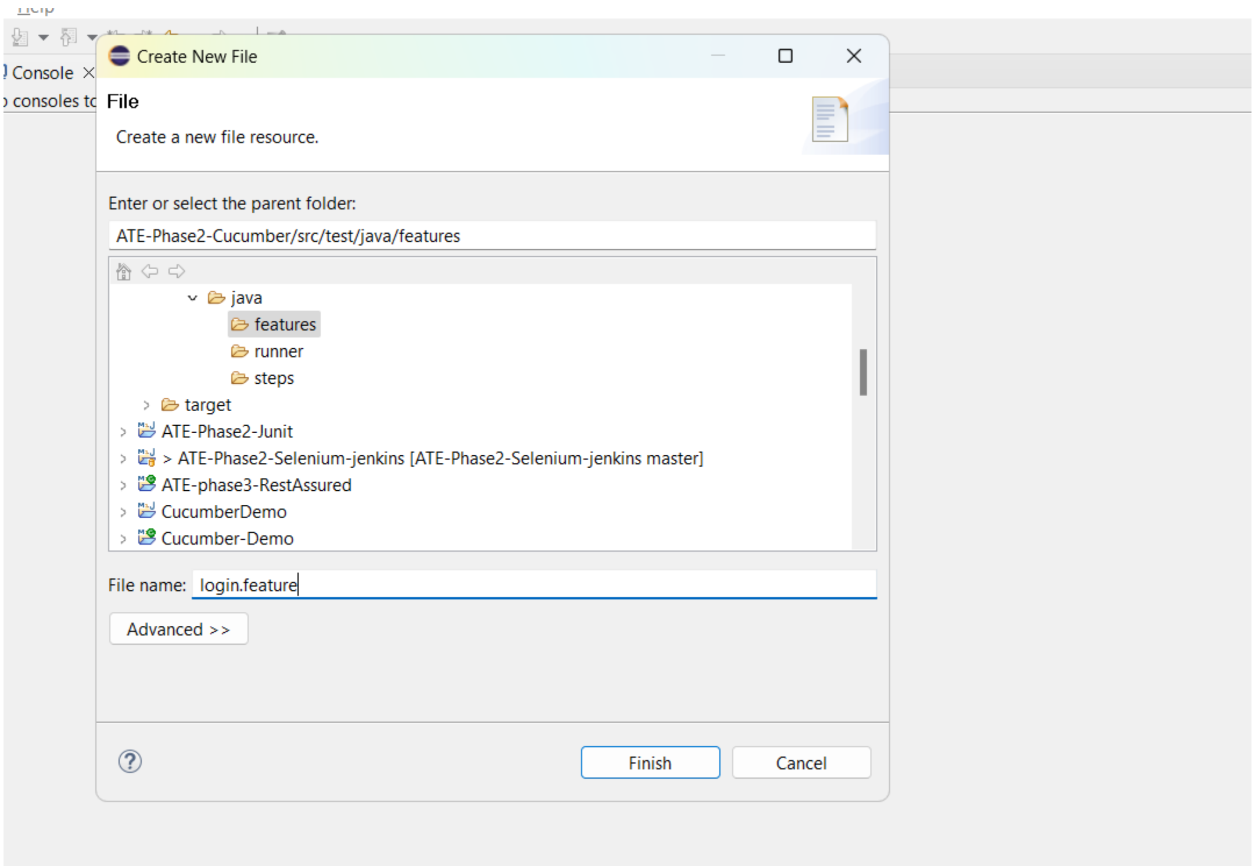
For this create 3 packages in the project under src/test/java



Create a feature file:



Create a file with extension .feature:



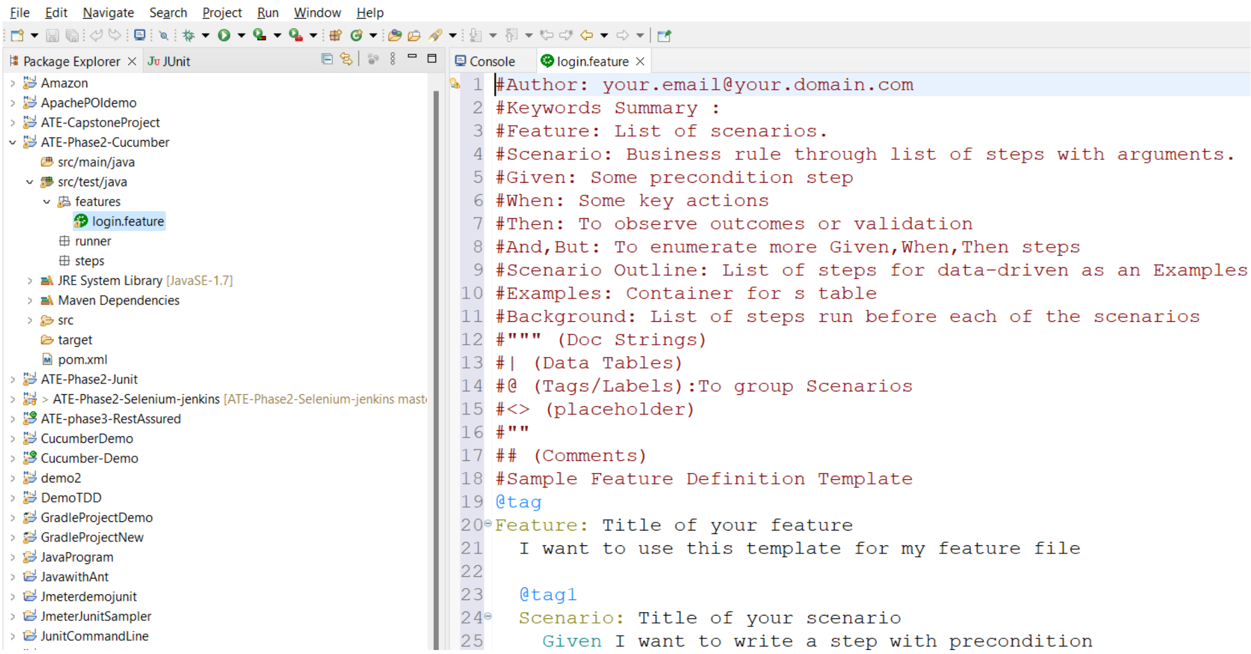
File

Create a new file resource.

Enter or select the parent folder:

ATE-Phase2-Cucumber/src/test/java/features

File name: login.feature



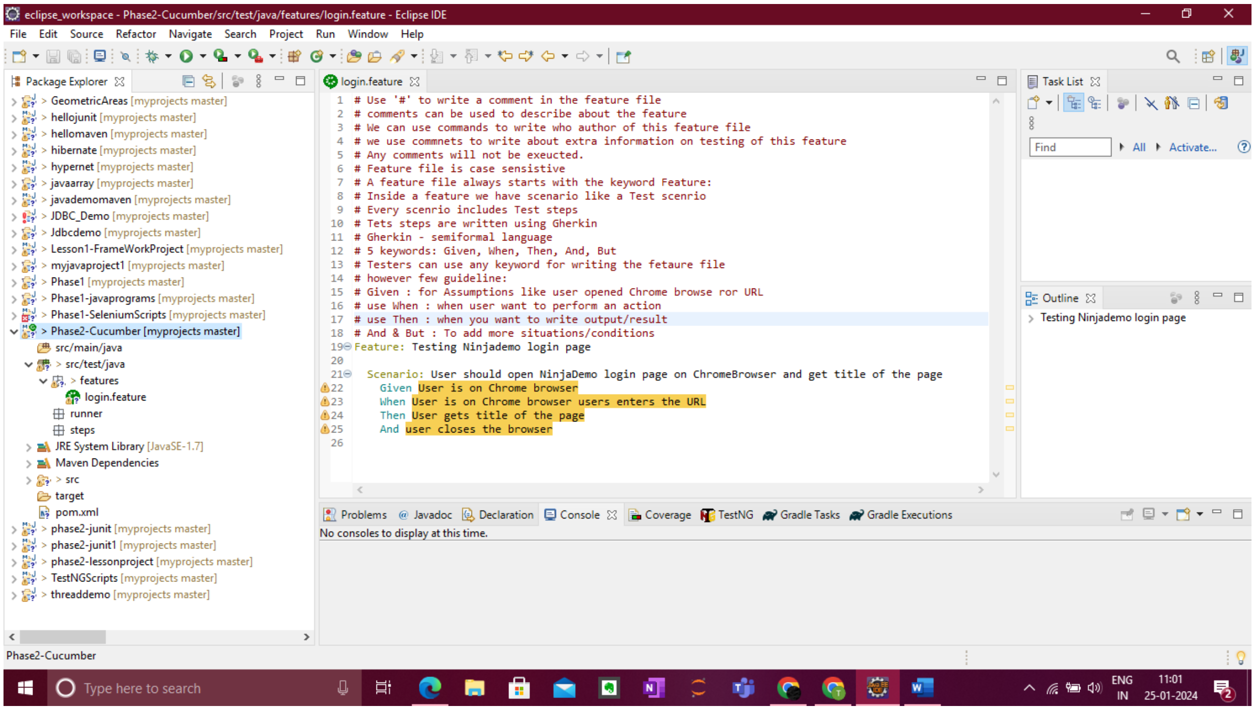
```
#Author: your.email@your.domain.com
#Keywords Summary :
#Feature: List of scenarios.
#Scenario: Business rule through list of steps with arguments.
#Given: Some precondition step
#When: Some key actions
#Then: To observe outcomes or validation
#And,But: To enumerate more Given,When,Then steps
#Scenario Outline: List of steps for data-driven as an Examples
#Examples: Container for s table
#Background: List of steps run before each of the scenarios
#""" (Doc Strings)
#| (Data Tables)
#@ (Tags/Labels):To group Scenarios
#<> (placeholder)
#""
## (Comments)
#Sample Feature Definition Template
@tag
Feature: Title of your feature
  I want to use this template for my feature file

  @tag1
  Scenario: Title of your scenario
    Given I want to write a step with precondition
```

Remove all the contents of feature file. We will write our own feature file.

2.Functions of Various Gherkin Keywords :

```
# Use '#' to write a comment in the feature file
# comments can be used to describe about the feature
# We can use commands to write who author of this feature file
# we use commnets to write about extra information on testing of this feature
# Any comments will not be exeucted.
# Feature file is case sensistive
# A feature file always starts with the keyword Feature:
# Inside a feature we have scenario like a Test scenrio
# Every scenrio includes Test steps
# Tets steps are written using Gherkin
# Gherkin - semiformal language
# 5 keywords: Given, When, Then, And, But
# Testers can use any keyword for writing the fetaure file
# however few guideline:
# Given : for Assumptions like user opened Chrome browse ror URL
# use When : when user want to perform an action
# use Then : when you want to write output/result
# And & But : To add more situations/conditions
Feature: Testing Ninjademo login page
Scenario: User should open NinjaDemo login page on ChromeBrowser and get title of the page
    Given User is on Chrome browser
    When User is on Chrome browser users enters the URL
    Then User gets title of the page
    And user closes the browser
```



eclipse_workspace - Phase2-Cucumber/src/test/java/features/login.feature - Eclipse IDE

```
# Use '#' to write a comment in the feature file
# comments can be used to describe about the feature
# We can use commands to write who author of this feature file
# we use commnets to write about extra information on testing of this feature
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# use When : when user want to perform an action
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Feature: Testing Ninjademo login page

  Scenario: User should open NinjaDemo login page on ChromeBrowser and get title of the page
    Given User is on Chrome browser
    When User is on Chrome browser users enters the URL
    Then User gets title of the page
    And user closes the browser
```
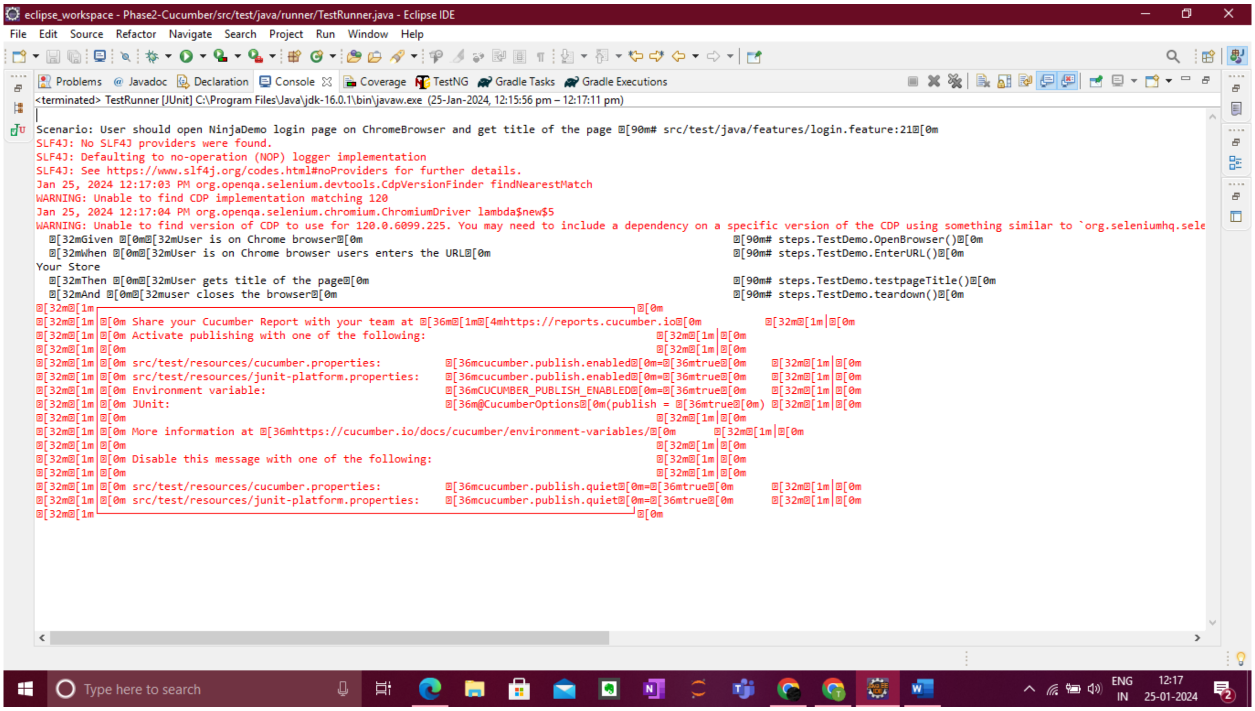

No consoles to display at this time.

3.Demonstrate Gherkin, Given,When,Then,And BackGround Steps:

```
package steps;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import io.cucumber.java.en.And;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;
public class TestNinjaTittleFeature {
// In cucmber we dont use Junit Annotations
// we use cucumber annotation:
// @Given , @Then, @When, @And, @But
// In this file we create method for every feature step
public static  WebDriver driver;
@Given("User is on Chrome browser")
public void OpenBrowser()
{
        driver = new ChromeDriver();
        driver.manage().deleteAllCookies();
        driver.manage().window().maximize();
}

@When("User is on Chrome browser users enters the URL")
public void EnterURL()
{
        driver.get("https://tutorialsninja.com/demo/");
}

@Then("User gets title of the page")
public void testpageTitle()
{
        String title = driver.getTitle();
        System.out.println(title);
}


@When("User will enter a product in search box")
public void user_will_enter_a_product_in_search_box() {

        driver.findElement(By.xpath("//input[@placeholder='Search']")).sendKeys("imac");
}
@When("user click on submit button")
public void user_click_on_submit_button() {
   driver.findElement(By.xpath("//button[@class='btn btn-default btn-lg']")).click();

}
@Then("product list should be displayed")
public void product_list_should_be_displayed() {

        System.out.println(driver.getTitle());
}
@When("user click on Addto cart link")
public void user_click_on_addto_cart_link() {
		driver.findElement(By.xpath("//a[@title='Shopping Cart']//i[@class='fa fa-shopping-
cart']")).click();
	}
	@Then("user is navigated to Cart page")
	public void user_is_navigated_to_cart_page() {
		System.out.println(driver.getTitle());
	}

	@And("user closes the browser")
	public void teardown()
	{
		driver.close();
	}
}
```

```
package runner;
import org.junit.runner.RunWith;
import io.cucumber.junit.Cucumber;
import io.cucumber.junit.CucumberOptions;
@RunWith(Cucumber.class)
@CucumberOptions(
		features="C:\\myprojects\\java code\\eclipse_workspace\\Phase2-
Cucumber\\src\\test\\java\\features",
		glue = {"steps"},
		plugin= {"pretty","html:target/cucumberreport.html"}

		)
public class TestRunner {

	// we dont write anythign over here.

}
```


eclipse_workspace - Phase2-Cucumber/src/test/java/runner/TestRunner.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems @ Javadoc Declaration Console Coverage TestNG Gradle Tasks Gradle Executions
Type here to search
ENG IN
12:17 25-01-2024

```
<terminated> TestRunner [JUnit] C:\Program Files\Java\jdk-16.0.1\bin\javaw.exe  (25-Jan-2024, 12:15:56 pm – 12:17:11 pm)

Scenario: User should open NinjaDemo login page on ChromeBrowser and get title of the page [90m# src/test/java/features/login.feature:21[0m
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Jan 25, 2024 12:17:03 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find CDP implementation matching 120
Jan 25, 2024 12:17:04 PM org.openqa.selenium.chromium.ChromiumDriver lambda$new$5
WARNING: Unable to find version of CDP to use for 120.0.6099.225. You may need to include a dependency on a specific version of the CDP using something similar to `org.seleniumhq.sele
  [32mGiven [0m[32mUser is on Chrome browser[0m                                                 [90m# steps.TestDemo.OpenBrowser()[0m
  [32mWhen [0m[32mUser is on Chrome browser users enters the URL[0m                             [90m# steps.TestDemo.EnterURL()[0m
Your Store
  [32mThen [0m[32mUser gets title of the page[0m                                                [90m# steps.TestDemo.testpageTitle()[0m
  [32mAnd [0m[32muser closes the browser[0m                                                     [90m# steps.TestDemo.teardown()[0m
[32m[1m┌───────────────────────────────────────────────────────────────────────────────┐[0m
[32m[1m│[0m Share your Cucumber Report with your team at [36m[1m[4mhttps://reports.cucumber.io[0m         [32m[1m│[0m
[32m[1m│[0m Activate publishing with one of the following:                                [32m[1m│[0m
[32m[1m│[0m                                                                               [32m[1m│[0m
[32m[1m│[0m src/test/resources/cucumber.properties:          [36mcucumber.publish.enabled[0m=[36mtrue[0m    [32m[1m│[0m
[32m[1m│[0m src/test/resources/junit-platform.properties:    [36mcucumber.publish.enabled[0m=[36mtrue[0m    [32m[1m│[0m
[32m[1m│[0m Environment variable:                            [36mCUCUMBER_PUBLISH_ENABLED[0m=[36mtrue[0m    [32m[1m│[0m
[32m[1m│[0m JUnit:                                           [36m@CucumberOptions[0m(publish = [36mtrue[0m) [32m[1m│[0m
[32m[1m│[0m                                                                               [32m[1m│[0m
[32m[1m│[0m More information at [36mhttps://cucumber.io/docs/cucumber/environment-variables/[0m      [32m[1m│[0m
[32m[1m│[0m                                                                               [32m[1m│[0m
[32m[1m│[0m Disable this message with one of the following:                               [32m[1m│[0m
[32m[1m│[0m                                                                               [32m[1m│[0m
[32m[1m│[0m src/test/resources/cucumber.properties:          [36mcucumber.publish.quiet[0m=[36mtrue[0m      [32m[1m│[0m
[32m[1m│[0m src/test/resources/junit-platform.properties:    [36mcucumber.publish.quiet[0m=[36mtrue[0m      [32m[1m│[0m
[32m[1m└───────────────────────────────────────────────────────────────────────────────┘[0m
```

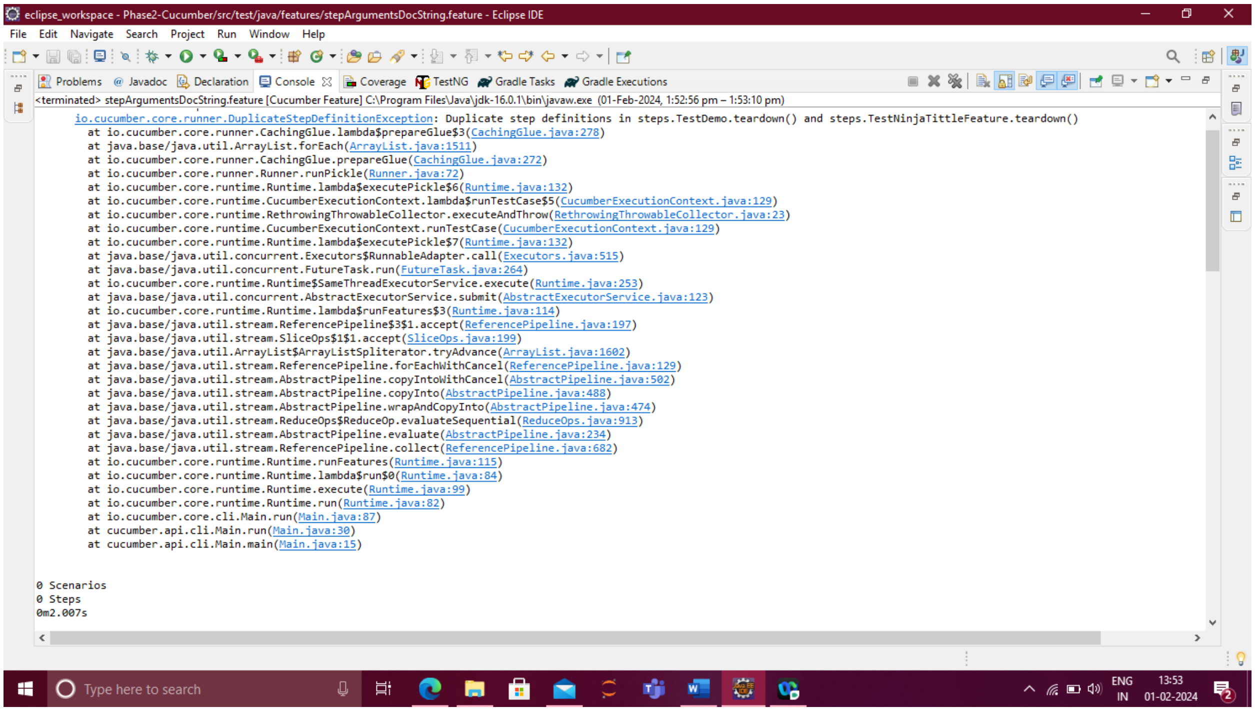
4.Arguments in Gherkin:

# doc strings is represented by """
# these allow a user to pass multiple lines with a given gerkhin keyword
Feature: Validate the error message on the webpage
Scenario: Test Error message when invalid data entered
Given User is on microsoft webpage
When User click on Next button
Then User gets an error message
"""

Enter a valid email address,
phone number,
or Skype name.
"""

Then User enter valid username
"""

username = sonal
"""

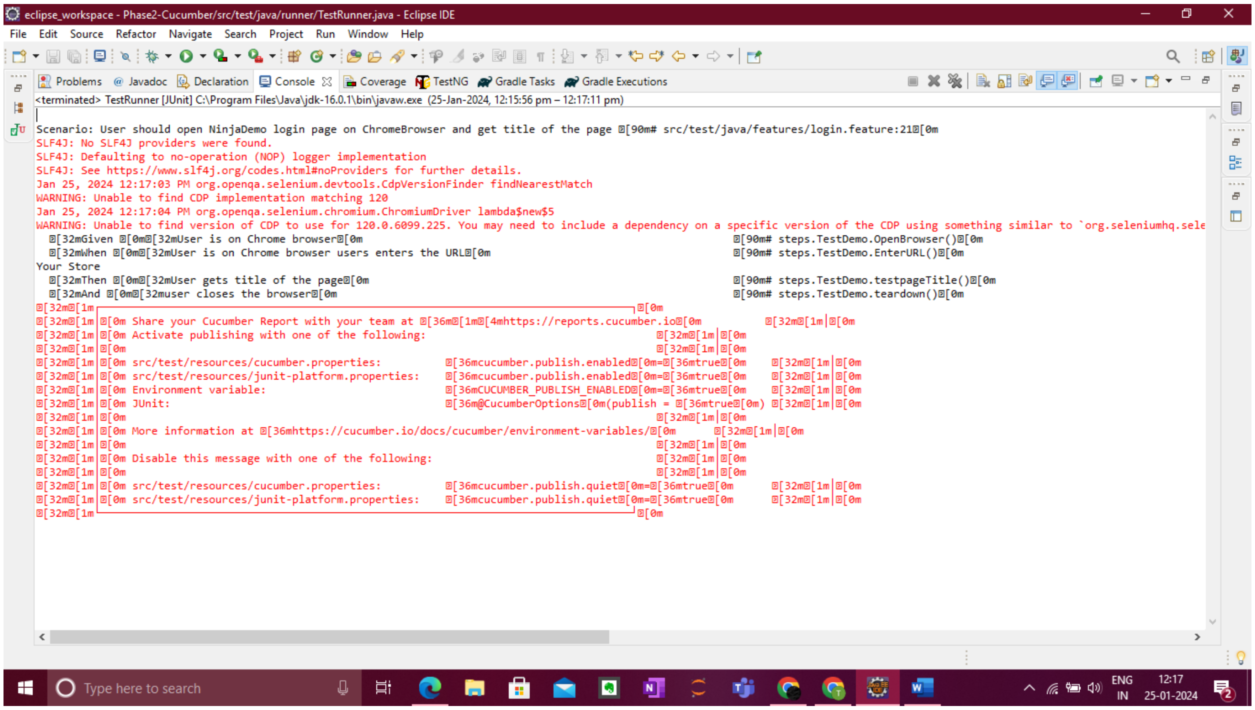

eclipse_workspace - Phase2-Cucumber/src/test/java/features/stepArgumentsDocString.feature - Eclipse IDE
File Edit Navigate Search Project Run Window Help
Problems @ Javadoc Declaration Console Coverage TestNG Gradle Tasks Gradle Executions
Type here to search
ENG IN 13:53 01-02-2024

```
<terminated> stepArgumentsDocString.feature [Cucumber Feature] C:\Program Files\Java\jdk-16.0.1\bin\javaw.exe  (01-Feb-2024, 1:52:56 pm – 1:53:10 pm)
	io.cucumber.core.runner.DuplicateStepDefinitionException: Duplicate step definitions in steps.TestDemo.teardown() and steps.TestNinjaTittleFeature.teardown()
	  at io.cucumber.core.runner.CachingGlue.lambda$prepareGlue$3(CachingGlue.java:278)
	  at java.base/java.util.ArrayList.forEach(ArrayList.java:1511)
	  at io.cucumber.core.runner.CachingGlue.prepareGlue(CachingGlue.java:272)
	  at io.cucumber.core.runner.Runner.runPickle(Runner.java:72)
	  at io.cucumber.core.runtime.Runtime.lambda$executePickle$6(Runtime.java:132)
	  at io.cucumber.core.runtime.CucumberExecutionContext.lambda$runTestCase$5(CucumberExecutionContext.java:129)
	  at io.cucumber.core.runtime.RethrowingThrowableCollector.executeAndThrow(RethrowingThrowableCollector.java:23)
	  at io.cucumber.core.runtime.CucumberExecutionContext.runTestCase(CucumberExecutionContext.java:129)
	  at io.cucumber.core.runtime.Runtime.lambda$executePickle$7(Runtime.java:132)
	  at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:515)
	  at java.base/java.util.concurrent.FutureTask.run(FutureTask.java:264)
	  at io.cucumber.core.runtime.Runtime$SameThreadExecutorService.execute(Runtime.java:253)
	  at java.base/java.util.concurrent.AbstractExecutorService.submit(AbstractExecutorService.java:123)
	  at io.cucumber.core.runtime.Runtime.lambda$runFeatures$3(Runtime.java:114)
	  at java.base/java.util.stream.ReferencePipeline$3$1.accept(ReferencePipeline.java:197)
	  at java.base/java.util.stream.SliceOps$1$1.accept(SliceOps.java:199)
	  at java.base/java.util.ArrayList$ArrayListSpliterator.tryAdvance(ArrayList.java:1602)
	  at java.base/java.util.stream.ReferencePipeline.forEachWithCancel(ReferencePipeline.java:129)
	  at java.base/java.util.stream.AbstractPipeline.copyIntoWithCancel(AbstractPipeline.java:502)
	  at java.base/java.util.stream.AbstractPipeline.copyInto(AbstractPipeline.java:488)
	  at java.base/java.util.stream.AbstractPipeline.wrapAndCopyInto(AbstractPipeline.java:474)
	  at java.base/java.util.stream.ReduceOps$ReduceOp.evaluateSequential(ReduceOps.java:913)
	  at java.base/java.util.stream.AbstractPipeline.evaluate(AbstractPipeline.java:234)
	  at java.base/java.util.stream.ReferencePipeline.collect(ReferencePipeline.java:682)
	  at io.cucumber.core.runtime.Runtime.runFeatures(Runtime.java:115)
	  at io.cucumber.core.runtime.Runtime.lambda$run$0(Runtime.java:84)
	  at io.cucumber.core.runtime.Runtime.execute(Runtime.java:99)
	  at io.cucumber.core.runtime.Runtime.run(Runtime.java:82)
	  at io.cucumber.core.cli.Main.run(Main.java:87)
	  at cucumber.api.cli.Main.run(Main.java:30)
	  at cucumber.api.cli.Main.main(Main.java:15)


0 Scenarios
0 Steps
0m2.007s
```

6.Step definition File:

```
package steps;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import io.cucumber.java.en.And;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;
public class TestNinjaTittleFeature {
// In cucmber we dont use Junit Annotations
// we use cucumber annotation:
// @Given , @Then, @When, @And, @But
// In this file we create method for every feature step
public static  WebDriver driver;
@Given("User is on Chrome browser")
public void OpenBrowser()
{
	driver = new ChromeDriver();
	driver.manage().deleteAllCookies();
	driver.manage().window().maximize();
}

@When("User is on Chrome browser users enters the URL")
public void EnterURL()
{
	driver.get("https://tutorialsninja.com/demo/");
}
```

```
    @Then("User gets title of the page")
    public void testpageTitle()
    {
        String title = driver.getTitle();
        System.out.println(title);
    }


    @When("User will enter a product in search box")
    public void user_will_enter_a_product_in_search_box() {

        driver.findElement(By.xpath("//input[@placeholder='Search']")).sendKeys("imac");
    }
    @When("user click on submit button")
    public void user_click_on_submit_button() {
      driver.findElement(By.xpath("//button[@class='btn btn-default btn-lg']")).click();

    }
    @Then("product list should be displayed")
    public void product_list_should_be_displayed() {

        System.out.println(driver.getTitle());
    }
    @When("user click on Addto cart link")
    public void user_click_on_addto_cart_link() {
     driver.findElement(By.xpath("//a[@title='Shopping Cart']//i[@class='fa fa-shopping-cart']")).click();
    }
    @Then("user is navigated to Cart page")
    public void user_is_navigated_to_cart_page() {
        System.out.println(driver.getTitle());
    }

    @And("user closes the browser")
    public void teardown()
    {
        driver.close();
    }
}
```


eclipse_workspace - Phase2-Cucumber/src/test/java/runner/TestRunner.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems
@ Javadoc
Declaration
Console
Coverage
TestNG
Gradle Tasks
Gradle Executions
Type here to search
ENG
IN
12:17
25-01-2024

```
<terminated> TestRunner [JUnit] C:\Program Files\Java\jdk-16.0.1\bin\javaw.exe  (25-Jan-2024, 12:15:56 pm – 12:17:11 pm)

Scenario: User should open NinjaDemo login page on ChromeBrowser and get title of the page ⍰[90m# src/test/java/features/login.feature:21⍰[0m
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Jan 25, 2024 12:17:03 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find CDP implementation matching 120
Jan 25, 2024 12:17:04 PM org.openqa.selenium.chromium.ChromiumDriver lambda$new$5
WARNING: Unable to find version of CDP to use for 120.0.6099.225. You may need to include a dependency on a specific version of the CDP using something similar to `org.seleniumhq.sele
  ⍰[32mGiven ⍰[0m⍰[32mUser is on Chrome browser⍰[0m                                                           ⍰[90m# steps.TestDemo.OpenBrowser()⍰[0m
  ⍰[32mWhen ⍰[0m⍰[32mUser is on Chrome browser users enters the URL⍰[0m                                      ⍰[90m# steps.TestDemo.EnterURL()⍰[0m
Your Store
  ⍰[32mThen ⍰[0m⍰[32mUser gets title of the page⍰[0m                                                         ⍰[90m# steps.TestDemo.testpageTitle()⍰[0m
  ⍰[32mAnd ⍰[0m⍰[32muser closes the browser⍰[0m                                                              ⍰[90m# steps.TestDemo.teardown()⍰[0m
⍰[32m⍰[1m┌──────────────────────────────────────────────────────────────────────────────────┐⍰[0m
⍰[32m⍰[1m│⍰[0m Share your Cucumber Report with your team at ⍰[36m⍰[1m⍰[4mhttps://reports.cucumber.io⍰[0m         ⍰[32m⍰[1m│⍰[0m
⍰[32m⍰[1m│⍰[0m Activate publishing with one of the following:                                    ⍰[32m⍰[1m│⍰[0m
⍰[32m⍰[1m│⍰[0m                                                                                   ⍰[32m⍰[1m│⍰[0m
⍰[32m⍰[1m│⍰[0m src/test/resources/cucumber.properties:          ⍰[36mcucumber.publish.enabled⍰[0m=⍰[36mtrue⍰[0m    ⍰[32m⍰[1m│⍰[0m
⍰[32m⍰[1m│⍰[0m src/test/resources/junit-platform.properties:    ⍰[36mcucumber.publish.enabled⍰[0m=⍰[36mtrue⍰[0m    ⍰[32m⍰[1m│⍰[0m
⍰[32m⍰[1m│⍰[0m Environment variable:                            ⍰[36mCUCUMBER_PUBLISH_ENABLED⍰[0m=⍰[36mtrue⍰[0m    ⍰[32m⍰[1m│⍰[0m
⍰[32m⍰[1m│⍰[0m JUnit:                                           ⍰[36m@CucumberOptions⍰[0m(publish = ⍰[36mtrue⍰[0m) ⍰[32m⍰[1m│⍰[0m
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⍰[32m⍰[1m│⍰[0m More information at ⍰[36mhttps://cucumber.io/docs/cucumber/environment-variables/⍰[0m      ⍰[32m⍰[1m│⍰[0m
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⍰[32m⍰[1m│⍰[0m src/test/resources/cucumber.properties:          ⍰[36mcucumber.publish.quiet⍰[0m=⍰[36mtrue⍰[0m      ⍰[32m⍰[1m│⍰[0m
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⍰[32m⍰[1m└──────────────────────────────────────────────────────────────────────────────────┘⍰[0m
```

8.Tagged Scenario:

```
# Use '#' to write a comment in the feature file

# comments can be used to describe about the feature
# We can use commands to write who author of this feature file
# we use commnets to write about extra information on testing of this feature
# Any comments will not be exeucted.
# Feature file is case sensistive
# A feature file always starts with the keyword Feature:
# Inside a feature we have scenario like a Test scenrio
# Every scenrio includes Test steps
# Tets steps are written using Gherkin
# Gherkin - semiformal language
# 5 keywords: Given, When, Then, And, But
# Testers can use any keyword for writing the fetaure file
# however few guideline:
# Given : for Assumptions like user opened Chrome browse ror URL
# use When : when user want to perform an action
# use Then : when you want to write output/result
# And & But : To add more situations/conditions
# tags are written in Feature file
# pupose of tags : a stuctured exeuction of fetaure scenarios
# tag is wirtten as @tagname
# cna be used to group scnearios under same tag
# scnaerios with same tag will be exeucted together
@all
```

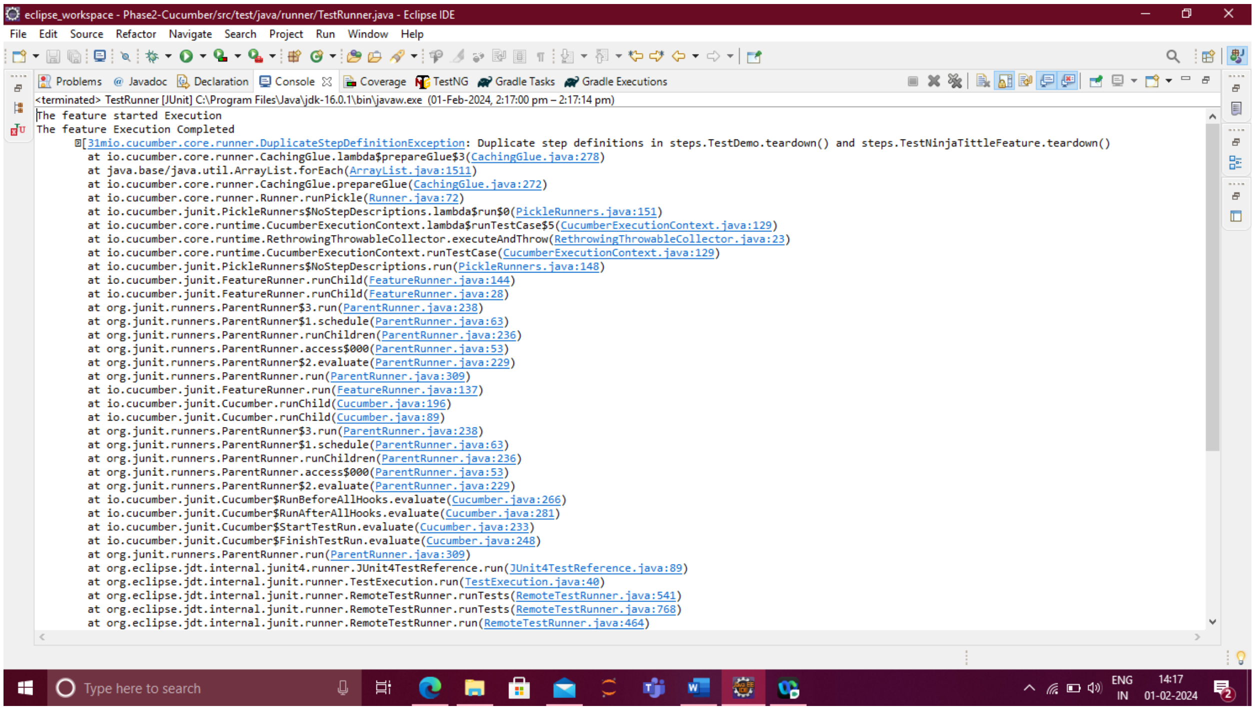
```
Feature: Testing Ninjademo login page
 @homepage @sanity
 Scenario: User should open NinjaDemo login page on ChromeBrowser and get title of the page
  Given User is on Chrome browser
  When User is on Chrome browser users enters the URL
  Then User gets title of the page
 And user closes the browser
@search @regression
Scenario: User should search for a product in the hoempage
Given User is on Chrome browser
When User is on Chrome browser users enters the URL
 And User will enter a product in search box
 And user click on submit button
 Then product list should be displayed
  And user closes the browser
  @cart
 Scenario: User Click on Add to Cart link
 Given User is on Chrome browser
 When User is on Chrome browser users enters the URL
 And user click on Addto cart link
 Then user is navigated to Cart page
And user closes the browser
```

```
package steps;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import io.cucumber.java.en.And;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;
public class TestNinjaTitleFeature {
// In cucmber we dont use Junit Annotations
// we use cucumber annotation:
// @Given , @Then, @When, @And, @But
// In this file we create method for every feature step
public static  WebDriver driver;
@Given("User is on Chrome browser")
public void OpenBrowser()
{
        driver = new ChromeDriver();
        driver.manage().deleteAllCookies();
        driver.manage().window().maximize();
}

@When("User is on Chrome browser users enters the URL")
public void EnterURL()
{
        driver.get("https://tutorialsninja.com/demo/");
}

@Then("User gets title of the page")
public void testpageTitle()
```

```
    {
        String title = driver.getTitle();
        System.out.println(title);
    }


    @When("User will enter a product in search box")
    public void user_will_enter_a_product_in_search_box() {

        driver.findElement(By.xpath("//input[@placeholder='Search']")).sendKeys("imac");
    }
    @When("user click on submit button")
    public void user_click_on_submit_button() {
      driver.findElement(By.xpath("//button[@class='btn btn-default btn-lg']")).click();

    }
    @Then("product list should be displayed")
    public void product_list_should_be_displayed() {

        System.out.println(driver.getTitle());
    }
    @When("user click on Addto cart link")
    public void user_click_on_addto_cart_link() {
     driver.findElement(By.xpath("//a[@title='Shopping Cart']//i[@class='fa fa-shopping-
cart']")).click();
    }
    @Then("user is navigated to Cart page")
    public void user_is_navigated_to_cart_page() {
        System.out.println(driver.getTitle());
    }

    @And("user closes the browser")
    public void teardown()
    {
        driver.close();
    }
}
```

```
    package runner;
    import org.junit.runner.RunWith;
    import io.cucumber.junit.Cucumber;
    import io.cucumber.junit.CucumberOptions;
    @RunWith(Cucumber.class)
    @CucumberOptions(
        features="  C:\myprojects\java code\eclipse_workspace\Phase2-
Cucumber\src\test\java\features\lodinninjaDemo.feature ",
        glue = {"steps"},  // packagename where the steps are
        plugin= {"pretty","html:target/cucumberreport.html"},
        //dryRun=true
        // tags="@sanity", // all the scenario is feature file with tagname sanity will get executed
        //tags="@regression and @search"  // and operator// scanerios whicha re having both of
thes etags will run
        //tags="@regression or @sanity"
```

```
                    // tags="@all" // all scnaerios will run

                    tags = "not @search" // run all the scenarios except scenario with tag search
                    )
public class TestRunner {
          // we dont write anythign over here.

}
```



eclipse_workspace - Phase2-Cucumber/src/test/java/runner/TestRunner.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems @ Javadoc Declaration Console Coverage TestNG Gradle Tasks Gradle Executions
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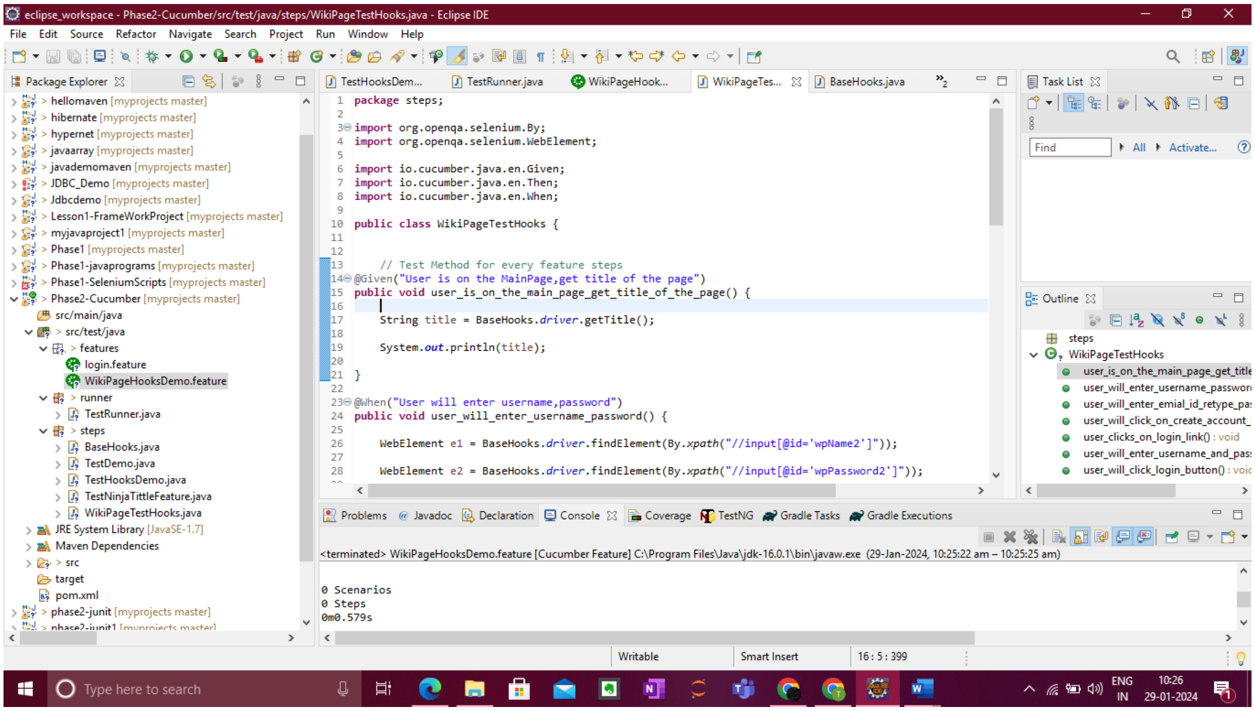
```
<terminated> TestRunner [JUnit] C:\Program Files\Java\jdk-16.0.1\bin\javaw.exe  (01-Feb-2024, 2:17:00 pm – 2:17:14 pm)
The feature started Execution
The feature Execution Completed
      [31mio.cucumber.core.runner.DuplicateStepDefinitionException: Duplicate step definitions in steps.TestDemo.teardown() and steps.TestNinjaTittleFeature.teardown()
        at io.cucumber.core.runner.CachingGlue.lambda$prepareGlue$3(CachingGlue.java:278)
        at java.base/java.util.ArrayList.forEach(ArrayList.java:1511)
        at io.cucumber.core.runner.CachingGlue.prepareGlue(CachingGlue.java:272)
        at io.cucumber.core.runner.Runner.runPickle(Runner.java:72)
        at io.cucumber.junit.PickleRunners$NoStepDescriptions.lambda$run$0(PickleRunners.java:151)
        at io.cucumber.core.runtime.CucumberExecutionContext.lambda$runTestCase$5(CucumberExecutionContext.java:129)
        at io.cucumber.core.runtime.RethrowingThrowableCollector.executeAndThrow(RethrowingThrowableCollector.java:23)
        at io.cucumber.core.runtime.CucumberExecutionContext.runTestCase(CucumberExecutionContext.java:129)
        at io.cucumber.junit.PickleRunners$NoStepDescriptions.run(PickleRunners.java:148)
        at io.cucumber.junit.FeatureRunner.runChild(FeatureRunner.java:144)
        at io.cucumber.junit.FeatureRunner.runChild(FeatureRunner.java:28)
        at org.junit.runners.ParentRunner$3.run(ParentRunner.java:238)
        at org.junit.runners.ParentRunner$1.schedule(ParentRunner.java:63)
        at org.junit.runners.ParentRunner.runChildren(ParentRunner.java:236)
        at org.junit.runners.ParentRunner.access$000(ParentRunner.java:53)
        at org.junit.runners.ParentRunner$2.evaluate(ParentRunner.java:229)
        at org.junit.runners.ParentRunner.run(ParentRunner.java:309)
        at io.cucumber.junit.FeatureRunner.run(FeatureRunner.java:137)
        at io.cucumber.junit.Cucumber.runChild(Cucumber.java:196)
        at io.cucumber.junit.Cucumber.runChild(Cucumber.java:89)
        at org.junit.runners.ParentRunner$3.run(ParentRunner.java:238)
        at org.junit.runners.ParentRunner$1.schedule(ParentRunner.java:63)
        at org.junit.runners.ParentRunner.runChildren(ParentRunner.java:236)
        at org.junit.runners.ParentRunner.access$000(ParentRunner.java:53)
        at org.junit.runners.ParentRunner$2.evaluate(ParentRunner.java:229)
        at io.cucumber.junit.Cucumber$RunBeforeAllHooks.evaluate(Cucumber.java:266)
        at io.cucumber.junit.Cucumber$RunAfterAllHooks.evaluate(Cucumber.java:281)
        at io.cucumber.junit.Cucumber$StartTestRun.evaluate(Cucumber.java:233)
        at io.cucumber.junit.Cucumber$FinishTestRun.evaluate(Cucumber.java:248)
        at org.junit.runners.ParentRunner.run(ParentRunner.java:309)
        at org.eclipse.jdt.internal.junit4.runner.JUnit4TestReference.run(JUnit4TestReference.java:89)
        at org.eclipse.jdt.internal.junit.runner.TestExecution.run(TestExecution.java:40)
        at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.runTests(RemoteTestRunner.java:541)
        at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.runTests(RemoteTestRunner.java:768)
        at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.run(RemoteTestRunner.java:464)
```

9.Execute Multiple Scenarios:

```
          package steps;
          import org.openqa.selenium.By;
          import org.openqa.selenium.WebElement;
          import io.cucumber.java.en.Given;
          import io.cucumber.java.en.Then;
          import io.cucumber.java.en.When;
          public class WikiPageTestHooks {
          // Test Method for every feature steps
@Given("User is on the MainPage,get title of the page")
public void user_is_on_the_main_page_get_title_of_the_page() {

          String title = BaseHooks.driver.getTitle();
          System.out.println(title);
  }
@When("User will enter username,password")
public void user_will_enter_username_password() {
          WebElement e1 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpName2']"));
          WebElement e2 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpPassword2']"));
          e1.sendKeys("username1");
          e2.sendKeys("password123");
}
          @Then("User will enter emial id & retype password")
          public void user_will_enter_emial_id_retype_password() throws InterruptedException {
            WebElement e3 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpRetype']"));
          WebElement e4 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpEmail']"));
          e3.sendKeys("password123");
          e4.sendKeys("admin@gmail.com");
          Thread.sleep(2000);
          }
@Then("user will click on Create account button")
public void user_will_click_on_create_account_button() {
          WebElement e5 = BaseHooks.driver.findElement(By.xpath("//button[@id='wpCreateaccount']"));
          e5.click();

}

// sceanrio 2

@When("User clicks on login link")
public void user_clicks_on_login_link() {
          WebElement loginLink = BaseHooks.driver.findElement(By.xpath("//a[@data-
mw='interface']//span[contains(text(),'Log in')]"));
          loginLink.click();
  }
@When("User will enter username and password")
public void user_will_enter_username_and_password() {
WebElement usrname = BaseHooks.driver.findElement(By.xpath("//input[@id='wpName1']"));
          WebElement passwd = BaseHooks.driver.findElement(By.xpath("//input[@id='wpPassword1']"));
          usrname.sendKeys("username1");
          passwd.sendKeys("password123");
}

@Then("User will click login button")
public void user_will_click_login_button() {
          WebElement loginbtn =
BaseHooks.driver.findElement(By.xpath("//button[@id='wpLoginAttempt']"));
          loginbtn.click();

}

}
```


eclipse_workspace - Phase2-Cucumber/src/test/java/steps/WikiPageTestHooks.java - Eclipse IDE
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Package Explorer
hellomaven [myprojects master]
hibernate [myprojects master]
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Jdbcdemo [myprojects master]
Lesson1-FrameWorkProject [myprojects master]
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Phase1-SeleniumScripts [myprojects master]
Phase2-Cucumber [myprojects master]
src/main/java
src/test/java
features
login.feature
WikiPageHooksDemo.feature
runner
TestRunner.java
steps
BaseHooks.java
TestDemo.java
TestHooksDemo.java
TestNinjaTittleFeature.java
WikiPageTestHooks.java
JRE System Library [JavaSE-1.7]
Maven Dependencies
src
target
pom.xml
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TestHooksDem...
TestRunner.java
WikiPageHook...
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BaseHooks.java
Task List
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```java
package steps;

import org.openqa.selenium.By;
import org.openqa.selenium.WebElement;

import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;

public class WikiPageTestHooks {


    // Test Method for every feature steps
@Given("User is on the MainPage,get title of the page")
public void user_is_on_the_main_page_get_title_of_the_page() {
    
    String title = BaseHooks.driver.getTitle();

    System.out.println(title);

}

@When("User will enter username,password")
public void user_will_enter_username_password() {

    WebElement e1 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpName2']"));

    WebElement e2 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpPassword2']"));
```

```
<terminated> WikiPageHooksDemo.feature [Cucumber Feature] C:\Program Files\Java\jdk-16.0.1\bin\javaw.exe  (29-Jan-2024, 10:25:22 am – 10:25:25 am)

0 Scenarios
0 Steps
0m0.579s
```

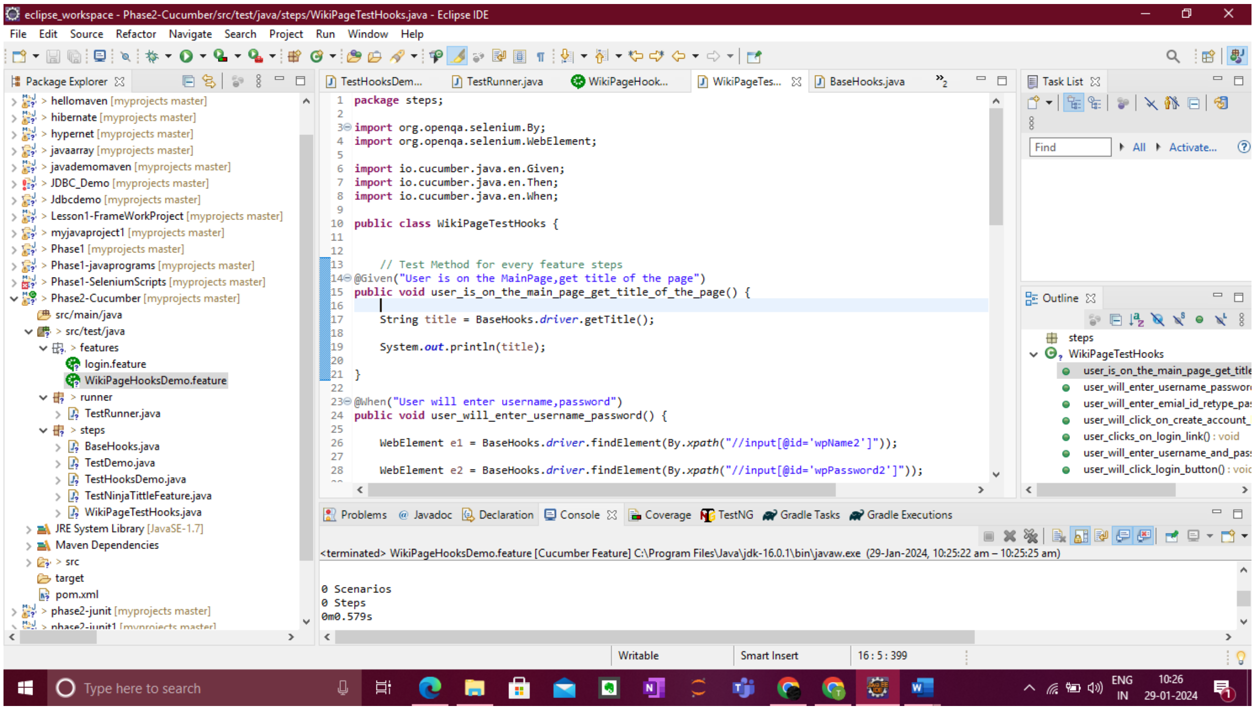
10.Tagged Hooks:

```
Feature: Test the WikiPage Login on ChromeBrowser
Scenario: Test Creation of Account on WikiPage
Given User is on the MainPage,get title of the page
When User will enter username,password
Then User will enter emial id & retype password
Then user will click on Create account button
Scenario: Test user is able to loginto the WikiPage
Given User is on the MainPage,get title of the page
When User clicks on login link
And User will enter username and password
Then User will click login button
```

```java
package steps;
import org.openqa.selenium.By;
import org.openqa.selenium.WebElement;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;
public class WikiPageTestHooks {
// Test Method for every feature steps
@Given("User is on the MainPage,get title of the page")
public void user_is_on_the_main_page_get_title_of_the_page() {
        String title = BaseHooks.driver.getTitle();
        System.out.println(title);
  }
@When("User will enter username,password")
public void user_will_enter_username_password() {
        WebElement e1 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpName2']"));
        WebElement e2 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpPassword2']"));
        e1.sendKeys("username1");
        e2.sendKeys("password123");
}
        @Then("User will enter emial id & retype password")
        public void user_will_enter_emial_id_retype_password() throws InterruptedException {
          WebElement e3 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpRetype']"));
        WebElement e4 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpEmail']"));
        e3.sendKeys("password123");
        e4.sendKeys("admin@gmail.com");
        Thread.sleep(2000);
        }
@Then("user will click on Create account button")
public void user_will_click_on_create_account_button() {
        WebElement e5 = BaseHooks.driver.findElement(By.xpath("//button[@id='wpCreateaccount']"));
        e5.click();

}

// sceanrio 2

@When("User clicks on login link")
public void user_clicks_on_login_link() {
        WebElement loginLink = BaseHooks.driver.findElement(By.xpath("//a[@data-
mw='interface']//span[contains(text(),'Log in')]"));
        loginLink.click();
  }
@When("User will enter username and password")
public void user_will_enter_username_and_password() {
WebElement usrname = BaseHooks.driver.findElement(By.xpath("//input[@id='wpName1']"));
        WebElement passwd = BaseHooks.driver.findElement(By.xpath("//input[@id='wpPassword1']"));
        usrname.sendKeys("username1");
        passwd.sendKeys("password123");
}

@Then("User will click login button")
public void user_will_click_login_button() {
        WebElement loginbtn =
BaseHooks.driver.findElement(By.xpath("//button[@id='wpLoginAttempt']"));
        loginbtn.click();

}

}
```

```
package steps;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import io.cucumber.java.After;
import io.cucumber.java.AfterAll;
import io.cucumber.java.AfterStep;
import io.cucumber.java.Before;
import io.cucumber.java.BeforeAll;
import io.cucumber.java.BeforeStep;
public class BaseHooks {
        // In this we will write the methods that are annotated with Hooks annotation:
        // @Before , @After, @BeforeALL, @AfterALL, @BeforeStep, @AfterStep
        // Global Hooks
        @BeforeAll
        public static void featureStart() // this annotated method will execute before any of the scenario in
feature begins
        {
                System.out.println("The feature started Execution");

        }

        @AfterAll
        public static void featureCompleted()

        // this annotated method will execute after all the scenarios in feature completed

        {
                System.out.println("The feature Execution Completed");
        }


        public static WebDriver driver;

        @Before(order=1)
        public void openBrowser()
        {
                System.out.println("task 1. Open Browser window");
                driver = new ChromeDriver();
        }

        @Before(order=2)
        public void ManageBrowser()
        {
                System.out.println("task 2. Manage Browser window");
                driver.manage().window().maximize();
                driver.manage().deleteAllCookies();
        }

        @Before(order=3)
        public void enterURL()
        {
                System.out.println("task 3. Enter the URL");

        driver.get("https://en.wikipedia.org/w/index.php?title=Special:CreateAccount&returnto=Wikipedia
%3ASign+up");
```

```
	}

	@BeforeStep
	public void stepstart()
	{
		System.out.println("Step Execution Started");
	}


	@AfterStep
	public void stepCompleted()
	{
		System.out.println("Step Execution Completed");
	}

	@After(order=2)
	public void captureFinalTitle()
	{
		System.out.println("AfterScenarioTask 1. Capture final Page title");
		System.out.println(driver.getTitle());
	}

	@After(order=1)
	public void CloseBrowser()
	{
		System.out.println("AfterScenarioTask 2. Close the Browser");
		driver.close();
	}

}
```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JDBC_Demo [myprojects master]
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WikiPageTestHooks
user_is_on_the_main_page_get_title
user_will_enter_username_passwor
user_will_enter_emial_id_retype_pa
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Problems Javadoc Declaration Console Coverage TestNG Gradle Tasks Gradle Executions
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```
package steps;

import org.openqa.selenium.By;
import org.openqa.selenium.WebElement;

import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;

public class WikiPageTestHooks {


    // Test Method for every feature steps
@Given("User is on the MainPage,get title of the page")
public void user_is_on_the_main_page_get_title_of_the_page() {

    String title = BaseHooks.driver.getTitle();

    System.out.println(title);

}

@When("User will enter username,password")
public void user_will_enter_username_password() {

    WebElement e1 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpName2']"));

    WebElement e2 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpPassword2']"));
```

```
<terminated> WikiPageHooksDemo.feature [Cucumber Feature] C:\Program Files\Java\jdk-16.0.1\bin\javaw.exe  (29-Jan-2024, 10:25:22 am – 10:25:25 am)


0 Scenarios
0 Steps
0m0.579s
```

12.Cucumber Data Tables are Used:

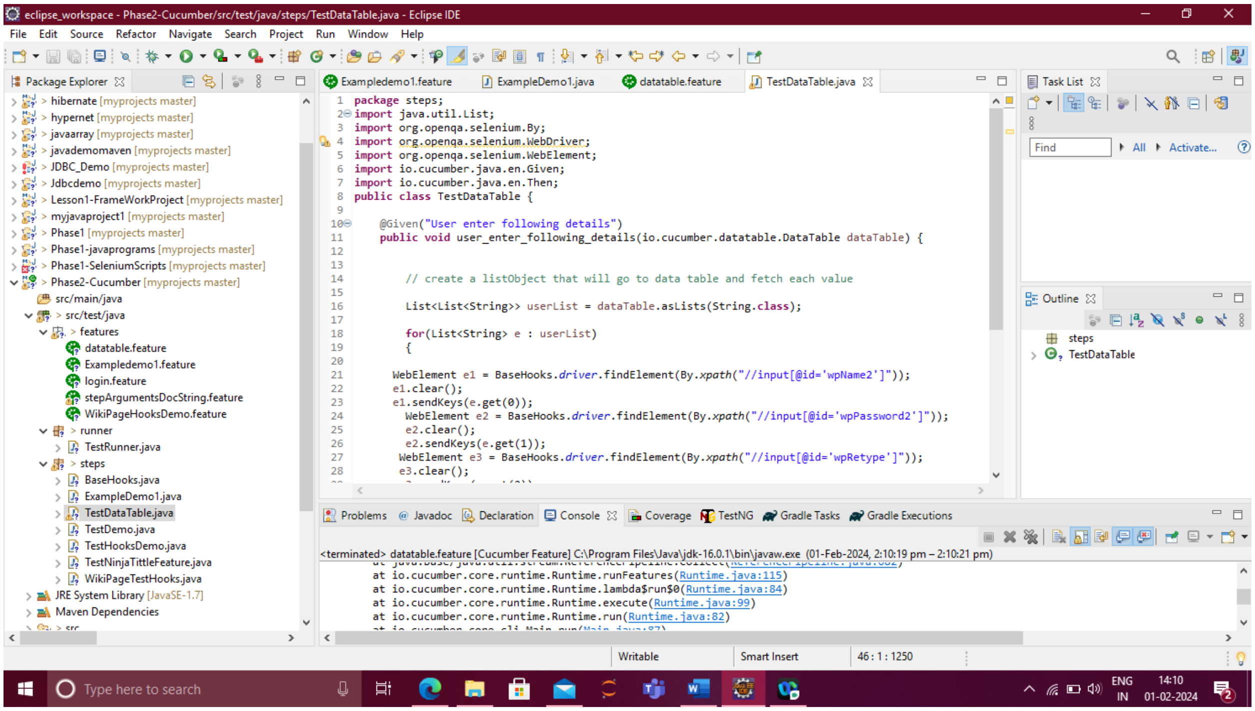
```
        # Demo of Data table
        # Data table is created under the steps which needs the data
        # there is no place holder in this case
        # no Examples keyword
        Feature: Test the WikiPage Login on ChromeBrowser
        Scenario: Test Creation of Account on WikiPage
         Given User enter following details
  | user1 | password1 | password1 | email@gmail.com |
  | user2 | password2 | password1 | email@gmail.com |
  | user3 | password3 | password1 | email@gmail.com |
  | user4 | password4 | password1 | email@gmail.com |
  | user5 | password5 | password1 | email@gmail.com |
  | user6 | password6 | password1 | email@gmail.com |
  | user7 | password7 | password1 | email@gmail.com |
  | user8 | password8 | password1 | email@gmail.com |
  Then user clicks on Create account
```

```
package steps;
import java.util.List;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
public class TestDataTable {
        @Given("User enter following details")
        public void user_enter_following_details(io.cucumber.datatable.DataTable dataTable) {
                // create a listObject that will go to data table and fetch each value
                List<List<String>> userList = dataTable.asLists(String.class);
                for(List<String> e : userList)
                {
                 WebElement e1 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpName2']"));
    e1.clear();
    e1.sendKeys(e.get(0));
                WebElement e2 =
BaseHooks.driver.findElement(By.xpath("//input[@id='wpPassword2']"));
                e2.clear();
                e2.sendKeys(e.get(1));
    WebElement e3 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpRetype']"));
    e3.clear();
    e3.sendKeys(e.get(2));
                WebElement e4 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpEmail']"));
                e4.clear();
    e4.sendKeys(e.get(3));

}

        }
        @Then("user clicks on Create account")
        public void user_clicks_on_create_account() {

        }
}
```



eclipse_workspace - Phase2-Cucumber/src/test/java/steps/TestDataTable.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
hibernate [myprojects master]
hypernet [myprojects master]
javaarray [myprojects master]
javademomaven [myprojects master]
JDBC_Demo [myprojects master]
Jdbcdemo [myprojects master]
Lesson1-FrameWorkProject [myprojects master]
myjavaproject1 [myprojects master]
Phase1 [myprojects master]
Phase1-javaprograms [myprojects master]
Phase1-SeleniumScripts [myprojects master]
Phase2-Cucumber [myprojects master]
src/main/java
src/test/java
features
datatable.feature
Exampledemo1.feature
login.feature
stepArgumentsDocString.feature
WikiPageHooksDemo.feature
runner
TestRunner.java
steps
BaseHooks.java
ExampleDemo1.java
TestDataTable.java
TestDemo.java
TestHooksDemo.java
TestNinjaTittleFeature.java
WikiPageTestHooks.java
JRE System Library [JavaSE-1.7]
Maven Dependencies
Exampledemo1.feature
ExampleDemo1.java
datatable.feature
TestDataTable.java
Task List
Find
All
Activate...
Outline
steps
TestDataTable
Problems
Javadoc
Declaration
Console
Coverage
TestNG
Gradle Tasks
Gradle Executions
Writable
Smart Insert
46 : 1 : 1250
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ENG
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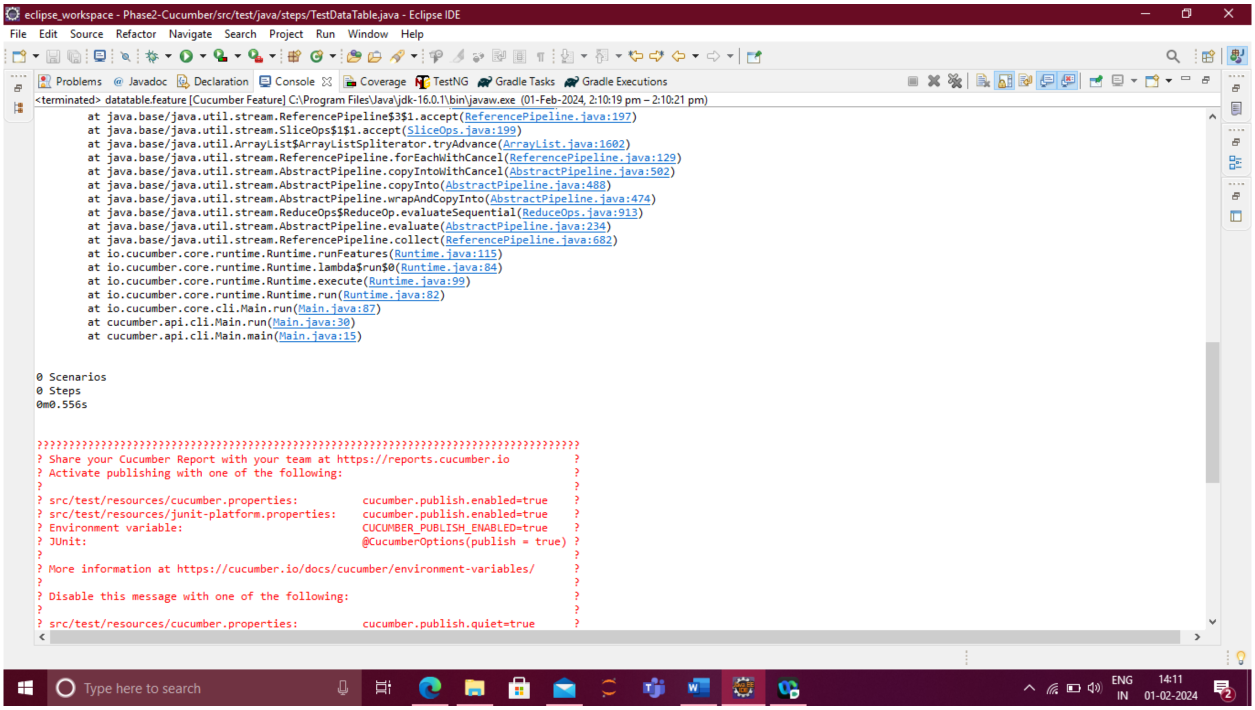
14:10
01-02-2024

```
package steps;
import java.util.List;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
public class TestDataTable {

    @Given("User enter following details")
    public void user_enter_following_details(io.cucumber.datatable.DataTable dataTable) {


        // create a listObject that will go to data table and fetch each value

        List<List<String>> userList = dataTable.asLists(String.class);

        for(List<String> e : userList)
        {

      WebElement e1 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpName2']"));
      e1.clear();
      e1.sendKeys(e.get(0));
        WebElement e2 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpPassword2']"));
        e2.clear();
        e2.sendKeys(e.get(1));
       WebElement e3 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpRetype']"));
       e3.clear();
```

```
<terminated> datatable.feature [Cucumber Feature] C:\Program Files\Java\jdk-16.0.1\bin\javaw.exe  (01-Feb-2024, 2:10:19 pm – 2:10:21 pm)
        at io.cucumber.core.runtime.Runtime.runFeatures(Runtime.java:115)
        at io.cucumber.core.runtime.Runtime.lambda$run$0(Runtime.java:84)
        at io.cucumber.core.runtime.Runtime.execute(Runtime.java:99)
        at io.cucumber.core.runtime.Runtime.run(Runtime.java:82)
```



eclipse_workspace - Phase2-Cucumber/src/test/java/steps/TestDataTable.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems
Javadoc
Declaration
Console
Coverage
TestNG
Gradle Tasks
Gradle Executions
Type here to search
ENG
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01-02-2024

```
<terminated> datatable.feature [Cucumber Feature] C:\Program Files\Java\jdk-16.0.1\bin\javaw.exe  (01-Feb-2024, 2:10:19 pm – 2:10:21 pm)
        at java.base/java.util.stream.ReferencePipeline$3$1.accept(ReferencePipeline.java:197)
        at java.base/java.util.stream.SliceOps$1$1.accept(SliceOps.java:199)
        at java.base/java.util.ArrayList$ArrayListSpliterator.tryAdvance(ArrayList.java:1602)
        at java.base/java.util.stream.ReferencePipeline.forEachWithCancel(ReferencePipeline.java:129)
        at java.base/java.util.stream.AbstractPipeline.copyIntoWithCancel(AbstractPipeline.java:502)
        at java.base/java.util.stream.AbstractPipeline.copyInto(AbstractPipeline.java:488)
        at java.base/java.util.stream.AbstractPipeline.wrapAndCopyInto(AbstractPipeline.java:474)
        at java.base/java.util.stream.ReduceOps$ReduceOp.evaluateSequential(ReduceOps.java:913)
        at java.base/java.util.stream.AbstractPipeline.evaluate(AbstractPipeline.java:234)
        at java.base/java.util.stream.ReferencePipeline.collect(ReferencePipeline.java:682)
        at io.cucumber.core.runtime.Runtime.runFeatures(Runtime.java:115)
        at io.cucumber.core.runtime.Runtime.lambda$run$0(Runtime.java:84)
        at io.cucumber.core.runtime.Runtime.execute(Runtime.java:99)
        at io.cucumber.core.runtime.Runtime.run(Runtime.java:82)
        at io.cucumber.core.cli.Main.run(Main.java:87)
        at cucumber.api.cli.Main.run(Main.java:30)
        at cucumber.api.cli.Main.main(Main.java:15)


0 Scenarios
0 Steps
0m0.556s


?????????????????????????????????????????????????????????????????????????????????????
? Share your Cucumber Report with your team at https://reports.cucumber.io          ?
? Activate publishing with one of the following:                                    ?
?                                                                                   ?
? src/test/resources/cucumber.properties:          cucumber.publish.enabled=true    ?
? src/test/resources/junit-platform.properties:    cucumber.publish.enabled=true    ?
? Environment variable:                            CUCUMBER_PUBLISH_ENABLED=true    ?
? JUnit:                                           @CucumberOptions(publish = true) ?
?                                                                                   ?
? More information at https://cucumber.io/docs/cucumber/environment-variables/      ?
?                                                                                   ?
? Disable this message with one of the following:                                   ?
?                                                                                   ?
? src/test/resources/cucumber.properties:          cucumber.publish.quiet=true      ?
```

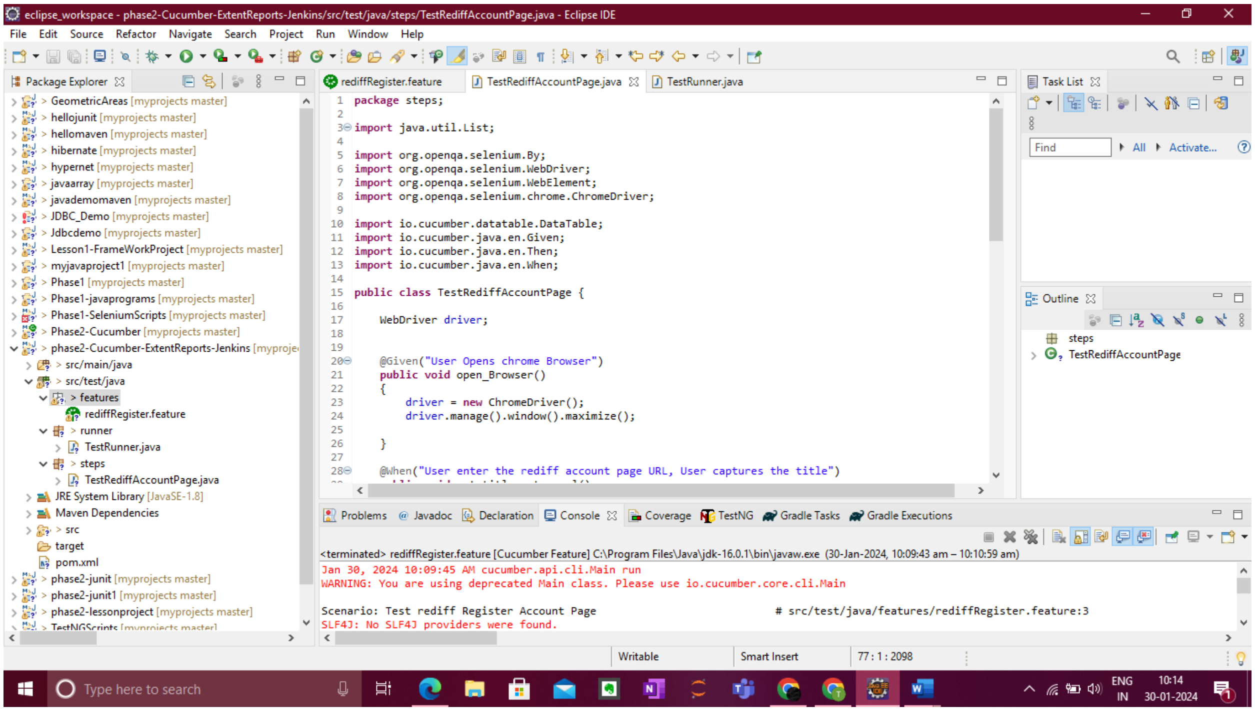
13.Cucumber Integration with Extent Report:

```
 Feature: Register multiple users on the Rediff account Page
  Scenario: Test rediff Register Account Page
   Given User Opens chrome Browser
   When User enter the rediff account page URL, User captures the title
  Then User enter following details to create account
   | name1 | id1 | pass1 | pass1 | email@gmail.com  | 9891234562 |
   | name2 | id2 | pass3 | pass3 | email1@gmail.com | 9897234562 |
   | name3 | id3 | pass4 | pass4 | email2@gmail.com | 9890234562 |
   | name4 | id4 | pass5 | pass5 | email3@gmail.com | 9896234562 |
  Then User will close the browser
```

```
	package steps;
	import java.util.List;
	import org.openqa.selenium.By;
	import org.openqa.selenium.WebDriver;
	import org.openqa.selenium.WebElement;
	import org.openqa.selenium.chrome.ChromeDriver;

	import io.cucumber.datatable.DataTable;
	import io.cucumber.java.en.Given;
	import io.cucumber.java.en.Then;
	import io.cucumber.java.en.When;
	public class TestRediffAccountPage {
	WebDriver driver;
	@Given("User Opens chrome Browser")
	public void open_Browser()
	{
		driver = new ChromeDriver();
		driver.manage().window().maximize();

	}

	@When("User enter the rediff account page URL, User captures the title")
	public void get_title_enter_url()
	{
		driver.get("https://register.rediff.com/register/register.php?FormName=user_details");
		System.out.println("The title of page is: " + driver.getTitle());
	}
	@Then("User enter following details to create account")
	public void create_account(DataTable datatable) throws InterruptedException
	{
		WebElement e1 = 
driver.findElement(By.xpath("//table[@id='tblcrtac']/descendant::input[1]"));
		WebElement e2 = 
driver.findElement(By.xpath("//table[@id='tblcrtac']/descendant::input[2]"));
		WebElement e3 = 
driver.findElement(By.xpath("//table[@id='tblcrtac']/descendant::input[4]"));
		WebElement e4 = 
driver.findElement(By.xpath("//table[@id='tblcrtac']/descendant::input[5]"));
		WebElement e5 = 
driver.findElement(By.xpath("//table[@id='tblcrtac']/descendant::input[6]"));
```

```
        WebElement e6 = 
driver.findElement(By.xpath("//table[@id='tblcrtac']/descendant::input[13]"));
        List<List<String>> userList = datatable.asLists(String.class);
        for(List<String> e: userList)
        {
            e1.clear();
            e1.sendKeys(e.get(0));
            e2.clear();
            e2.sendKeys(e.get(1));
            e3.clear();
            e3.sendKeys(e.get(2));
            e4.clear();
            e4.sendKeys(e.get(3));
            e5.clear();
            e5.sendKeys(e.get(4));
            e6.clear();
            e6.sendKeys(e.get(5));

            Thread.sleep(2000);
        }

    }

    @Then("User will close the browser")
    public void close_browser()
    {
        driver.close();
    }

}
```

```
    package runner;
    import org.junit.runner.RunWith;
    import io.cucumber.junit.Cucumber;
    import io.cucumber.junit.CucumberOptions;
    @RunWith(Cucumber.class)
    @CucumberOptions(
        features=
    "C:\\myprojects\\java code\\eclipse_workspace\\phase2-Cucumber-ExtentReports-
Jenkins\\src\\test\\java\\features\\rediffRegister.feature",
        glue = {"steps"},  // packagename where the steps are
        plugin= {"pretty","html:target/cucumberreport.html"}
        )
    public class TestRunner {
}
```


eclipse_workspace - phase2-Cucumber-ExtentReports-Jenkins/src/test/java/steps/TestRediffAccountPage.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
GeometricAreas [myprojects master]
hellojunit [myprojects master]
hellomaven [myprojects master]
hibernate [myprojects master]
hypernet [myprojects master]
javaarray [myprojects master]
javademomaven [myprojects master]
JDBC_Demo [myprojects master]
Jdbcdemo [myprojects master]
Lesson1-FrameWorkProject [myprojects master]
myjavaproject1 [myprojects master]
Phase1 [myprojects master]
Phase1-javaprograms [myprojects master]
Phase1-SeleniumScripts [myprojects master]
Phase2-Cucumber [myprojects master]
phase2-Cucumber-ExtentReports-Jenkins [myproje
src/main/java
src/test/java
features
rediffRegister.feature
runner
TestRunner.java
steps
TestRediffAccountPage.java
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
pom.xml
phase2-junit [myprojects master]
phase2-junit1 [myprojects master]
phase2-lessonproject [myprojects master]
TestNGScripts [myprojects master]
rediffRegister.feature
TestRediffAccountPage.java
TestRunner.java
Task List
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TestRediffAccountPage
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Javadoc
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Coverage
TestNG
Gradle Tasks
Gradle Executions
Writable
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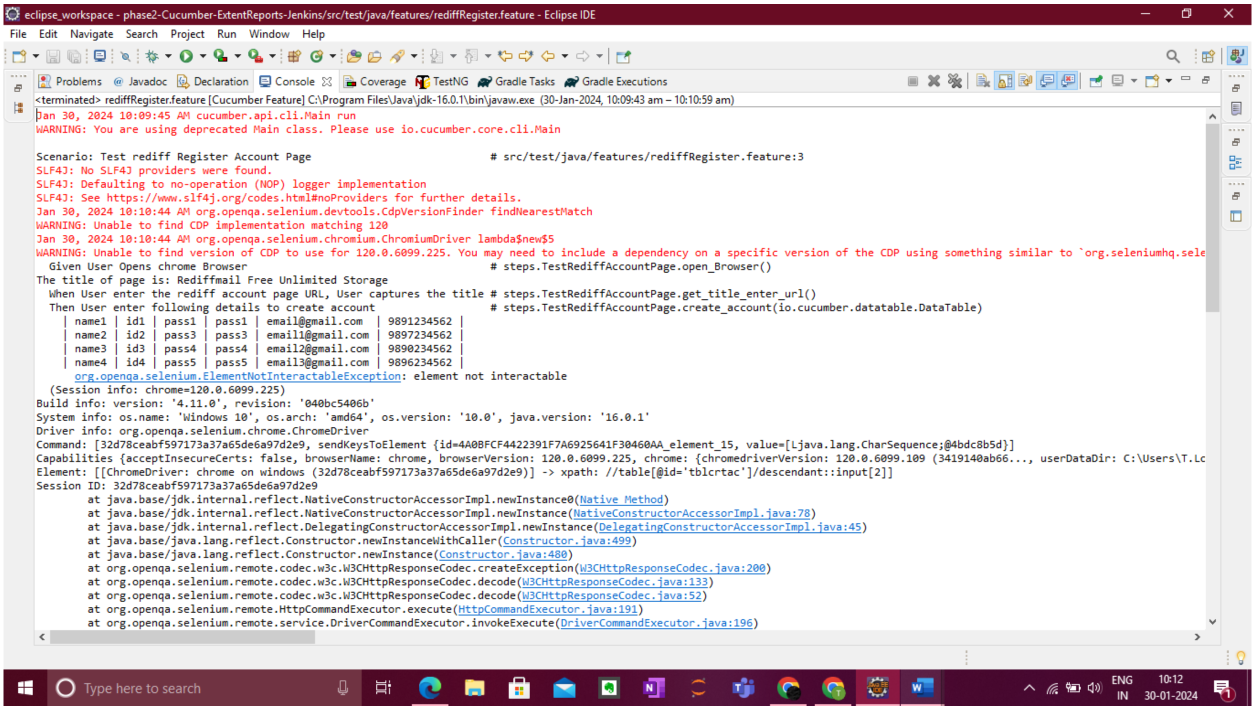
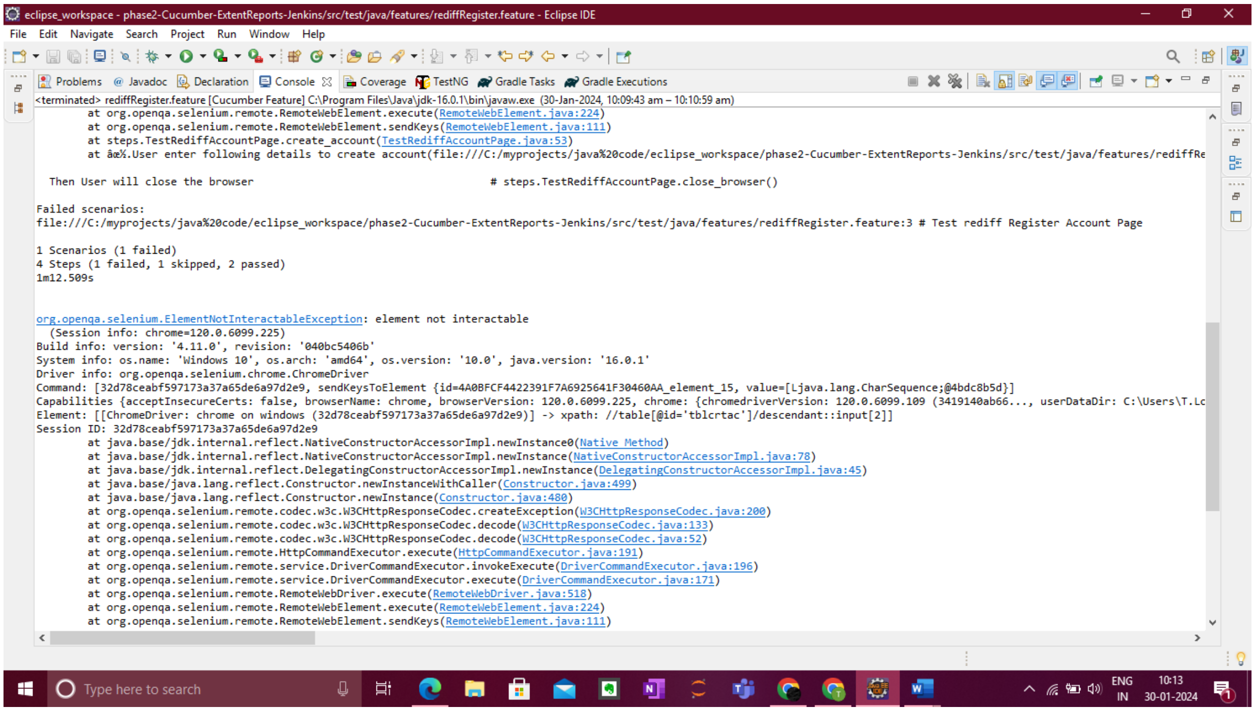
10:14
30-01-2024

```java
package steps;

import java.util.List;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

import io.cucumber.datatable.DataTable;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;

public class TestRediffAccountPage {

    WebDriver driver;


    @Given("User Opens chrome Browser")
    public void open_Browser()
    {
        driver = new ChromeDriver();
        driver.manage().window().maximize();

    }

    @When("User enter the rediff account page URL, User captures the title")
```

```
<terminated> rediffRegister.feature [Cucumber Feature] C:\Program Files\Java\jdk-16.0.1\bin\javaw.exe  (30-Jan-2024, 10:09:43 am – 10:10:59 am)
Jan 30, 2024 10:09:45 AM cucumber.api.cli.Main run
WARNING: You are using deprecated Main class. Please use io.cucumber.core.cli.Main

Scenario: Test rediff Register Account Page                        # src/test/java/features/rediffRegister.feature:3
SLF4J: No SLF4J providers were found.
```


eclipse_workspace - phase2-Cucumber-ExtentReports-Jenkins/src/test/java/features/rediffRegister.feature - Eclipse IDE
File Edit Navigate Search Project Run Window Help
Problems
Javadoc
Declaration
Console
Coverage
TestNG
Gradle Tasks
Gradle Executions
Type here to search
ENG
IN
10:12
30-01-2024

```
<terminated> rediffRegister.feature [Cucumber Feature] C:\Program Files\Java\jdk-16.0.1\bin\javaw.exe  (30-Jan-2024, 10:09:43 am – 10:10:59 am)
Jan 30, 2024 10:09:45 AM cucumber.api.cli.Main run
WARNING: You are using deprecated Main class. Please use io.cucumber.core.cli.Main

Scenario: Test rediff Register Account Page                        # src/test/java/features/rediffRegister.feature:3
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Jan 30, 2024 10:10:44 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find CDP implementation matching 120
Jan 30, 2024 10:10:44 AM org.openqa.selenium.chromium.ChromiumDriver lambda$new$5
WARNING: Unable to find version of CDP to use for 120.0.6099.225. You may need to include a dependency on a specific version of the CDP using something similar to `org.seleniumhq.sele
  Given User Opens chrome Browser                                  # steps.TestRediffAccountPage.open_Browser()
The title of page is: Rediffmail Free Unlimited Storage
  When User enter the rediff account page URL, User captures the title # steps.TestRediffAccountPage.get_title_enter_url()
  Then User enter following details to create account              # steps.TestRediffAccountPage.create_account(io.cucumber.datatable.DataTable)
    | name1 | id1 | pass1 | pass1 | email@gmail.com  | 9891234562 |
    | name2 | id2 | pass3 | pass3 | email1@gmail.com | 9897234562 |
    | name3 | id3 | pass4 | pass4 | email2@gmail.com | 9890234562 |
    | name4 | id4 | pass5 | pass5 | email3@gmail.com | 9896234562 |
      org.openqa.selenium.ElementNotInteractableException: element not interactable
  (Session info: chrome=120.0.6099.225)
Build info: version: '4.11.0', revision: '040bc5406b'
System info: os.name: 'Windows 10', os.arch: 'amd64', os.version: '10.0', java.version: '16.0.1'
Driver info: org.openqa.selenium.chrome.ChromeDriver
Command: [32d78ceabf597173a37a65de6a97d2e9, sendKeysToElement {id=4A0BFCF4422391F7A6925641F30460AA_element_15, value=[Ljava.lang.CharSequence;@4bdc8b5d}]
Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 120.0.6099.225, chrome: {chromedriverVersion: 120.0.6099.109 (3419140ab66..., userDataDir: C:\Users\T.Lc
Element: [[ChromeDriver: chrome on windows (32d78ceabf597173a37a65de6a97d2e9)] -> xpath: //table[@id='tblcrtac']/descendant::input[2]]
Session ID: 32d78ceabf597173a37a65de6a97d2e9
	at java.base/jdk.internal.reflect.NativeConstructorAccessorImpl.newInstance0(Native Method)
	at java.base/jdk.internal.reflect.NativeConstructorAccessorImpl.newInstance(NativeConstructorAccessorImpl.java:78)
	at java.base/jdk.internal.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstructorAccessorImpl.java:45)
	at java.base/java.lang.reflect.Constructor.newInstanceWithCaller(Constructor.java:499)
	at java.base/java.lang.reflect.Constructor.newInstance(Constructor.java:480)
	at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.createException(W3CHttpResponseCodec.java:200)
	at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:133)
	at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:52)
	at org.openqa.selenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:191)
	at org.openqa.selenium.remote.service.DriverCommandExecutor.invokeExecute(DriverCommandExecutor.java:196)
```


eclipse_workspace - phase2-Cucumber-ExtentReports-Jenkins/src/test/java/features/rediffRegister.feature - Eclipse IDE
File Edit Navigate Search Project Run Window Help
Problems @ Javadoc Declaration Console Coverage TestNG Gradle Tasks Gradle Executions
Type here to search
ENG IN
10:13
30-01-2024

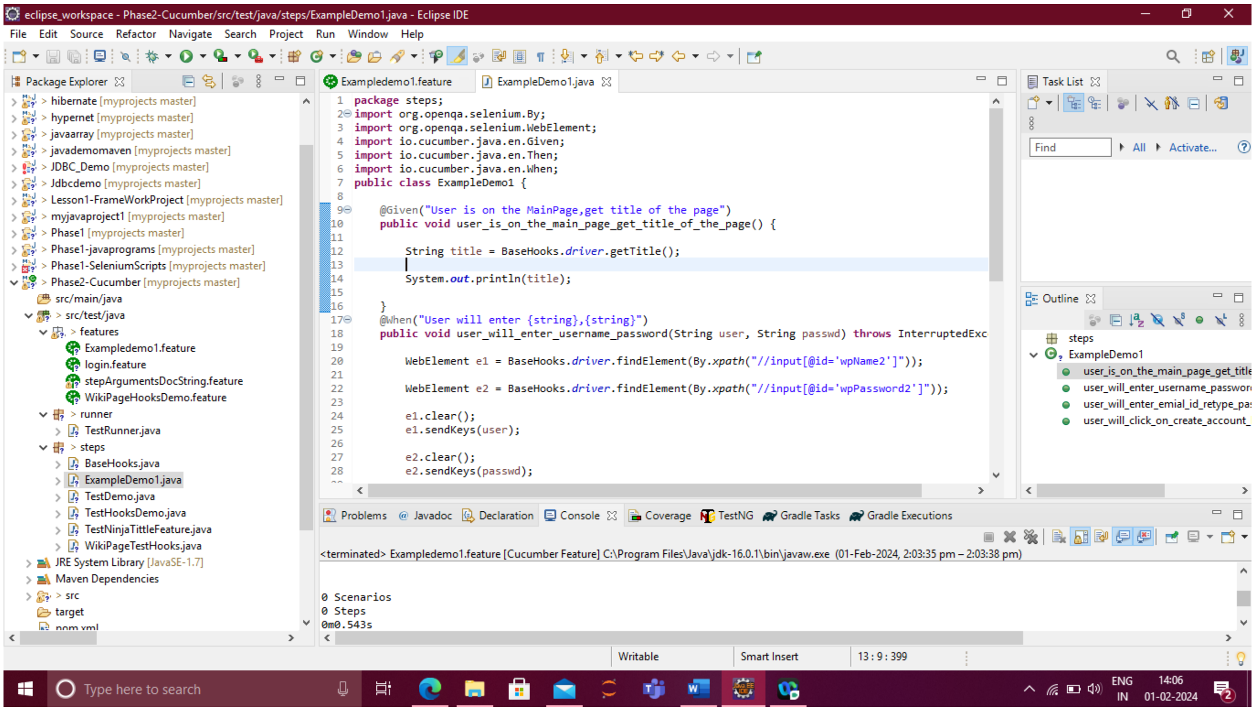
```
<terminated> rediffRegister.feature [Cucumber Feature] C:\Program Files\Java\jdk-16.0.1\bin\javaw.exe (30-Jan-2024, 10:09:43 am – 10:10:59 am)
        at org.openqa.selenium.remote.RemoteWebElement.execute(RemoteWebElement.java:224)
        at org.openqa.selenium.remote.RemoteWebElement.sendKeys(RemoteWebElement.java:111)
        at steps.TestRediffAccountPage.create_account(TestRediffAccountPage.java:53)
        at âœ½.User enter following details to create account(file:///C:/myprojects/java%20code/eclipse_workspace/phase2-Cucumber-ExtentReports-Jenkins/src/test/java/features/rediffRe

  Then User will close the browser                                    # steps.TestRediffAccountPage.close_browser()

Failed scenarios:
file:///C:/myprojects/java%20code/eclipse_workspace/phase2-Cucumber-ExtentReports-Jenkins/src/test/java/features/rediffRegister.feature:3 # Test rediff Register Account Page

1 Scenarios (1 failed)
4 Steps (1 failed, 1 skipped, 2 passed)
1m12.509s


org.openqa.selenium.ElementNotInteractableException: element not interactable
  (Session info: chrome=120.0.6099.225)
Build info: version: '4.11.0', revision: '040bc5406b'
System info: os.name: 'Windows 10', os.arch: 'amd64', os.version: '10.0', java.version: '16.0.1'
Driver info: org.openqa.selenium.chrome.ChromeDriver
Command: [32d78ceabf597173a37a65de6a97d2e9, sendKeysToElement {id=4A0BFCF4422391F7A6925641F30460AA_element_15, value=[Ljava.lang.CharSequence;@4bdc8b5d}]
Capabilities {acceptInsecureCerts: false, browserName: chrome, browserVersion: 120.0.6099.225, chrome: {chromedriverVersion: 120.0.6099.109 (3419140ab66..., userDataDir: C:\Users\T.Lc
Element: [[ChromeDriver: chrome on windows (32d78ceabf597173a37a65de6a97d2e9)] -> xpath: //table[@id='tblcrtac']/descendant::input[2]]
Session ID: 32d78ceabf597173a37a65de6a97d2e9
        at java.base/jdk.internal.reflect.NativeConstructorAccessorImpl.newInstance0(Native Method)
        at java.base/jdk.internal.reflect.NativeConstructorAccessorImpl.newInstance(NativeConstructorAccessorImpl.java:78)
        at java.base/jdk.internal.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstructorAccessorImpl.java:45)
        at java.base/java.lang.reflect.Constructor.newInstanceWithCaller(Constructor.java:499)
        at java.base/java.lang.reflect.Constructor.newInstance(Constructor.java:480)
        at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.createException(W3CHttpResponseCodec.java:200)
        at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:133)
        at org.openqa.selenium.remote.codec.w3c.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:52)
        at org.openqa.selenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:191)
        at org.openqa.selenium.remote.service.DriverCommandExecutor.invokeExecute(DriverCommandExecutor.java:196)
        at org.openqa.selenium.remote.service.DriverCommandExecutor.execute(DriverCommandExecutor.java:171)
        at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:518)
        at org.openqa.selenium.remote.RemoteWebElement.execute(RemoteWebElement.java:224)
        at org.openqa.selenium.remote.RemoteWebElement.sendKeys(RemoteWebElement.java:111)
```

14.Cucumber Test Execution with Maven on Local machine:

```
        Feature: Test the WikiPage Login on ChromeBrowser
         Scenario Outline: Test Creation of Account on WikiPage
        Given User is on the MainPage,get title of the page
         When User will enter '<username>','<password>'
        Then User will enter '<retype>' and '<email>'
        Then user will click on Create account button
  Examples:
   | username | password  | retype    | email           |
   | user1    | password1 | password1 | email@gmail.com |
```

```
package steps;
import org.openqa.selenium.By;
import org.openqa.selenium.WebElement;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;
public class ExampleDemo1 {
	@Given("User is on the MainPage,get title of the page")
	public void user_is_on_the_main_page_get_title_of_the_page() {
		String title = BaseHooks.driver.getTitle();
		System.out.println(title);
```

```
        }
        @When("User will enter {string},{string}")
        public void user_will_enter_username_password(String user, String passwd) throws
InterruptedException {
                WebElement e1 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpName2']"));
                WebElement e2 =
BaseHooks.driver.findElement(By.xpath("//input[@id='wpPassword2']"));
                e1.clear();
                e1.sendKeys(user);
                e2.clear();
                e2.sendKeys(passwd);
                Thread.sleep(2000);
        }
        @Then("User will enter {string} and {string}")
        public void user_will_enter_emial_id_retype_password(String re, String em) throws
InterruptedException {
          WebElement e3 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpRetype']"));
        WebElement e4 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpEmail']"));
                e3.clear();
                e3.sendKeys(re);
                e4.clear();
                e4.sendKeys(em);
                Thread.sleep(2000);
                }
        @Then("user will click on Create account button")
        public void user_will_click_on_create_account_button() {
                WebElement e5 =
BaseHooks.driver.findElement(By.xpath("//button[@id='wpCreateaccount']"));
                e5.click();

        }
}
```


eclipse_workspace - Phase2-Cucumber/src/test/java/steps/ExampleDemo1.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
hibernate [myprojects master]
hypernet [myprojects master]
javaarray [myprojects master]
javademomaven [myprojects master]
JDBC_Demo [myprojects master]
Jdbcdemo [myprojects master]
Lesson1-FrameWorkProject [myprojects master]
myjavaproject1 [myprojects master]
Phase1 [myprojects master]
Phase1-javaprograms [myprojects master]
Phase1-SeleniumScripts [myprojects master]
Phase2-Cucumber [myprojects master]
src/main/java
src/test/java
features
Exampledemo1.feature
login.feature
stepArgumentsDocString.feature
WikiPageHooksDemo.feature
runner
TestRunner.java
steps
BaseHooks.java
ExampleDemo1.java
TestDemo.java
TestHooksDemo.java
TestNinjaTittleFeature.java
WikiPageTestHooks.java
JRE System Library [JavaSE-1.7]
Maven Dependencies
src
target
pom.xml
Exampledemo1.feature
ExampleDemo1.java
Task List
Find
All
Activate...
Outline
steps
ExampleDemo1
user_is_on_the_main_page_get_title
user_will_enter_username_passwor
user_will_enter_emial_id_retype_pa
user_will_click_on_create_account_
Problems
Javadoc
Declaration
Console
Coverage
TestNG
Gradle Tasks
Gradle Executions
Writable
Smart Insert
13 : 9 : 399
Type here to search
ENG
IN
14:06
01-02-2024

```java
package steps;
import org.openqa.selenium.By;
import org.openqa.selenium.WebElement;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;
public class ExampleDemo1 {

    @Given("User is on the MainPage,get title of the page")
    public void user_is_on_the_main_page_get_title_of_the_page() {

        String title = BaseHooks.driver.getTitle();

        System.out.println(title);

    }
    @When("User will enter {string},{string}")
    public void user_will_enter_username_password(String user, String passwd) throws InterruptedExc

        WebElement e1 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpName2']"));

        WebElement e2 = BaseHooks.driver.findElement(By.xpath("//input[@id='wpPassword2']"));

        e1.clear();
        e1.sendKeys(user);

        e2.clear();
        e2.sendKeys(passwd);
```

```
<terminated> Exampledemo1.feature [Cucumber Feature] C:\Program Files\Java\jdk-16.0.1\bin\javaw.exe  (01-Feb-2024, 2:03:35 pm – 2:03:38 pm)


0 Scenarios
0 Steps
0m0.543s
```

15.Build(Excute) a Jenkins Job:

1.Login to Jenkins:

Open your web browser and navigate to your Jenkins server.

2.Create a New Job:

Click on "New Item" or "Create Job" on the Jenkins dashboard.

Enter a name for your job and select the type of job (e.g., Freestyle project, Pipeline).

3.Configure General Settings:

Configure general settings such as the description, source code management (if applicable), and build triggers.

4.Configure Build Steps:

For a Freestyle project, go to the "Build" section and add the necessary build steps. This might include commands to build your project, run tests, etc.For a Pipeline project, you'll define your build steps in the Jenkinsfile associated with your project.

5.Configure Post-Build Actions:

Define any post-build actions you need, such as archiving artifacts, sending notifications, etc.

6.Save the Job Configuration:

Save your job configuration.

7.Build the Job:

Go back to the Jenkins dashboard.

Find your newly created job and click on "Build Now" or "Build with Parameters," depending on your configuration.

8.Monitor the Build:

Once the build is triggered, you can monitor its progress on the Jenkins dashboard.

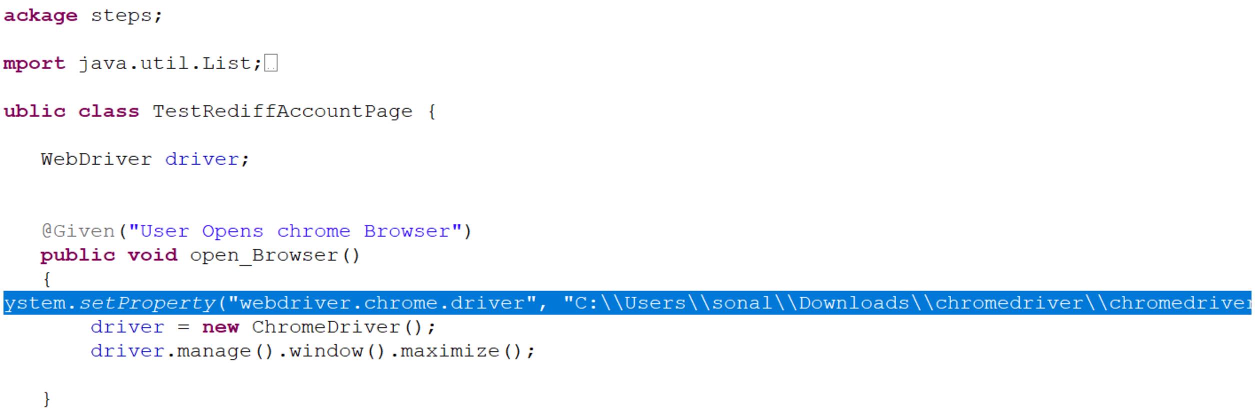
Check the console output for any errors or issues.

9.View Build Results:

Once the build is complete, you can view the build results, including any test results, in the Jenkins interface.

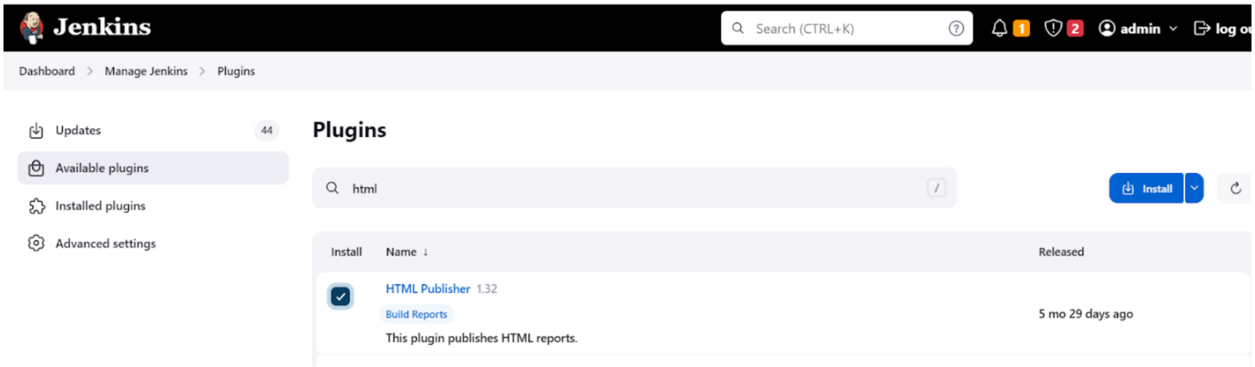
16.Integration of Jenkins with Extent Reports :

Download chromedriver.exe from selenium webpage
https://googlechromelabs.github.io/chrome-for-testing/
And add the below line in the step definition file
System.*setProperty*("webdriver.chrome.driver", "C:\\Users\\sonal\\Downloads\\chromedriver\\chromedriver-win64\\chromedriver.exe");
Above give the path of chromedriver exe in your downloads folder.



```
ackage steps;

mport java.util.List;□

ublic class TestRediffAccountPage {

   WebDriver driver;


   @Given("User Opens chrome Browser")
   public void open_Browser()
   {
ystem.setProperty("webdriver.chrome.driver", "C:\\Users\\sonal\\Downloads\\chromedriver\\chromedrive
       driver = new ChromeDriver();
       driver.manage().window().maximize();

   }
```

Now push the project to github and run using jenkins job.
In jenkins → manage jenkins→ Plugins→ available plugin
Search for HTML → Install it

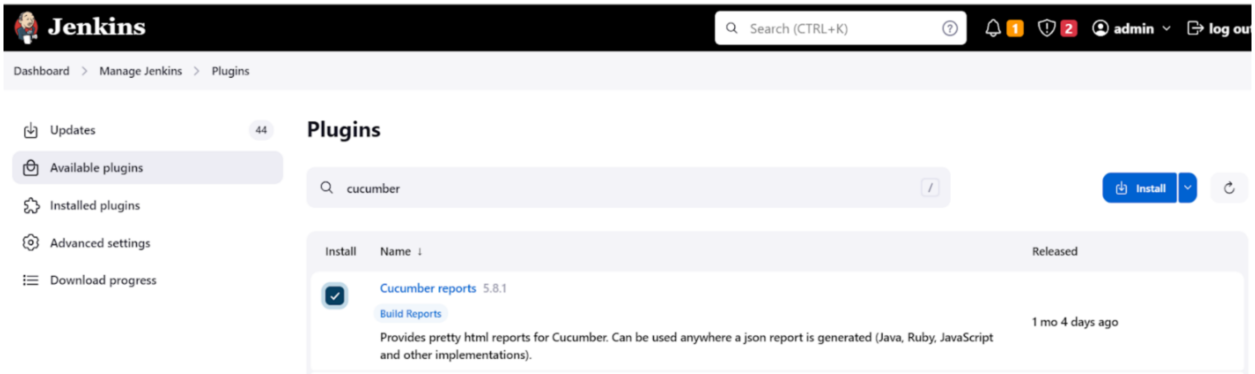


Plugins

Search: html

Install	Name ↓	Released
☑	HTML Publisher 1.32 Build Reports This plugin publishes HTML reports.	5 mo 29 days ago

Also download cucumber plugin

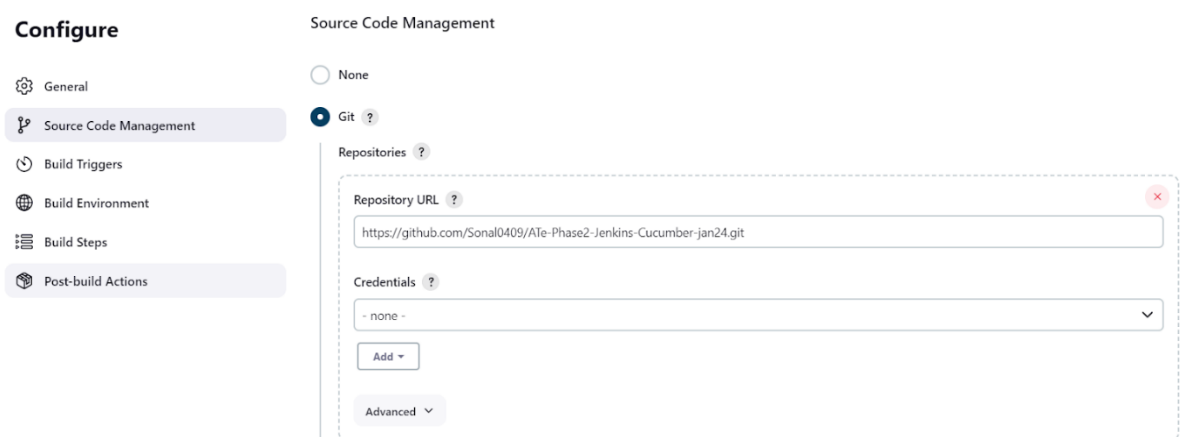


Plugins

Search: cucumber

Install	Name ↓	Released
☑	Cucumber reports 5.8.1 Build Reports Provides pretty html reports for Cucumber. Can be used anywhere a json report is generated (Java, Ruby, JavaScript and other implementations).	1 mo 4 days ago

Go to your job -> click on configure



Source Code Management

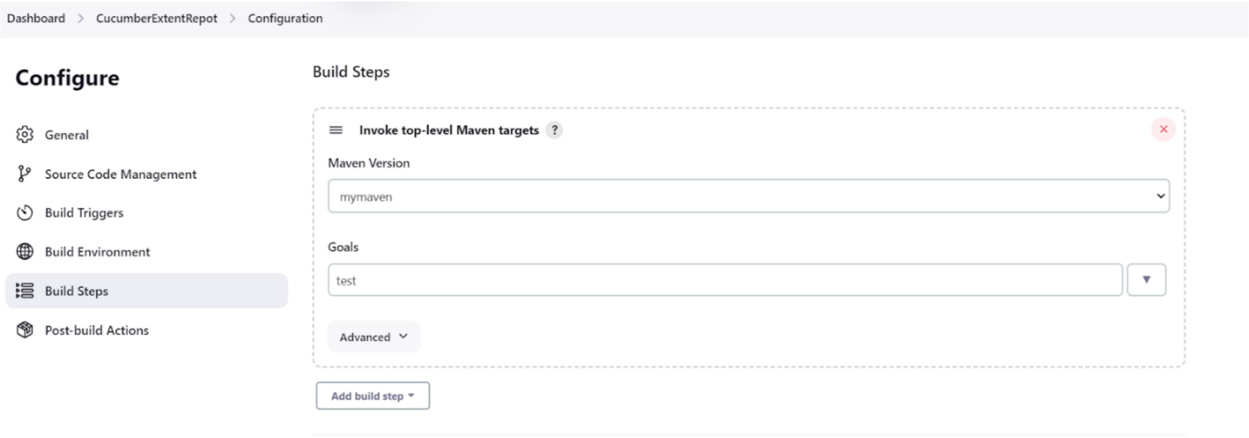
○ None

● Git

Repositories

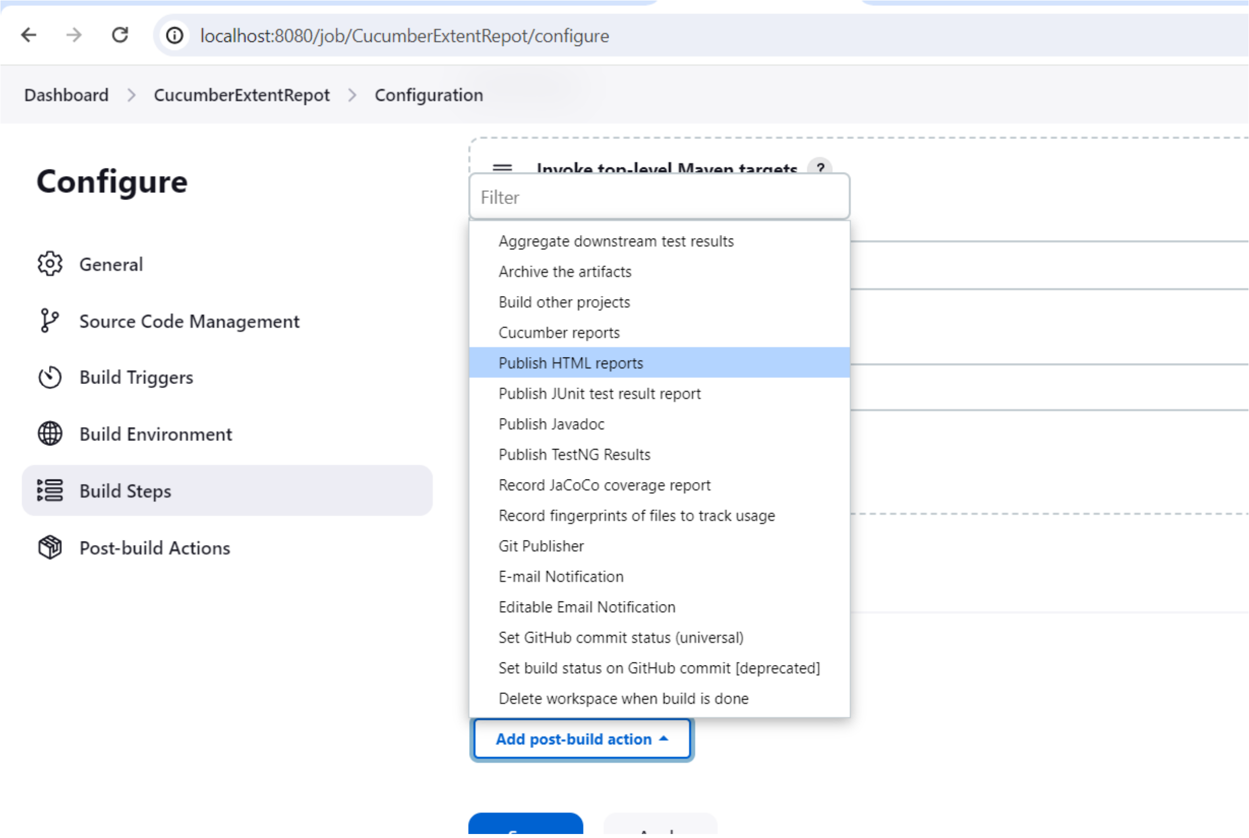
Repository URL: https://github.com/Sonal0409/ATe-Phase2-Jenkins-Cucumber-jan24.git

Credentials: - none -

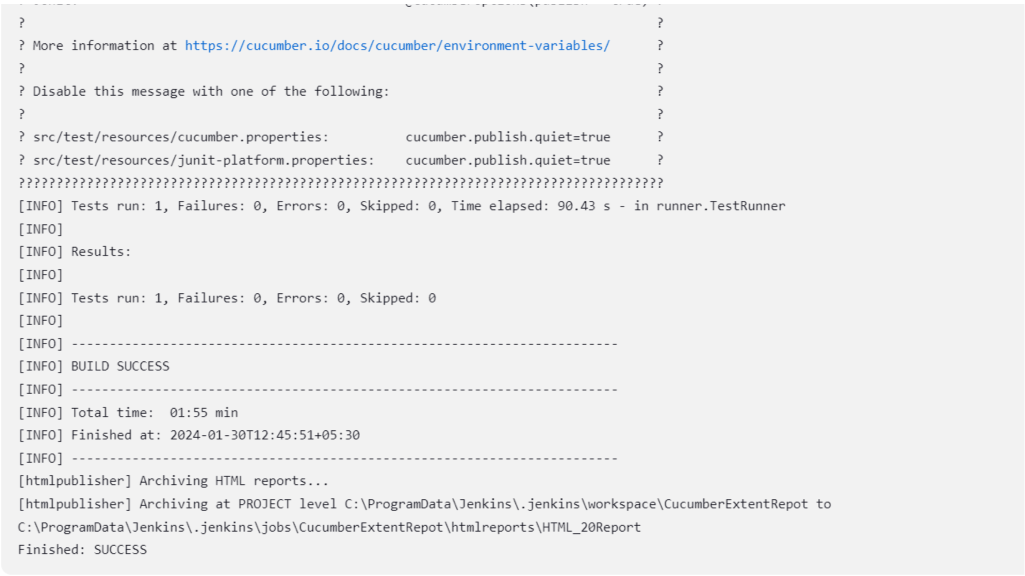


Maven Version: mymaven

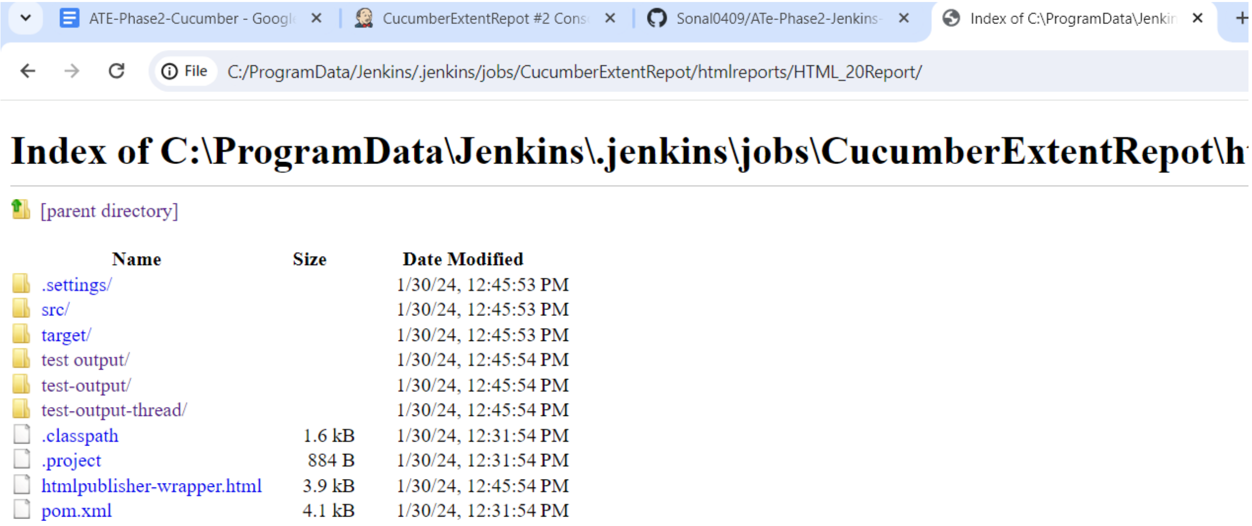
Goals: test


localhost:8080/job/CucumberExtentRepot/configure
Dashboard > CucumberExtentRepot > Configuration
Configure
General
Source Code Management
Build Triggers
Build Environment
Build Steps
Post-build Actions
Invoke top-level Maven targets ?
Filter
Aggregate downstream test results
Archive the artifacts
Build other projects
Cucumber reports
Publish HTML reports
Publish JUnit test result report
Publish Javadoc
Publish TestNG Results
Record JaCoCo coverage report
Record fingerprints of files to track usage
Git Publisher
E-mail Notification
Editable Email Notification
Set GitHub commit status (universal)
Set build status on GitHub commit [deprecated]
Delete workspace when build is done
Add post-build action

Save the job and run it. You will find reports in the path given in console as below



```
?                                                                           ?
? More information at https://cucumber.io/docs/cucumber/environment-variables/      ?
?                                                                           ?
? Disable this message with one of the following:                           ?
?                                                                           ?
? src/test/resources/cucumber.properties:          cucumber.publish.quiet=true      ?
? src/test/resources/junit-platform.properties:    cucumber.publish.quiet=true      ?
????????????????????????????????????????????????????????????????????????????????????
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 90.43 s - in runner.TestRunner
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  01:55 min
[INFO] Finished at: 2024-01-30T12:45:51+05:30
[INFO] ------------------------------------------------------------------------
[htmlpublisher] Archiving HTML reports...
[htmlpublisher] Archiving at PROJECT level C:\ProgramData\Jenkins\.jenkins\workspace\CucumberExtentRepot to
C:\ProgramData\Jenkins\.jenkins\jobs\CucumberExtentRepot\htmlreports\HTML_20Report
Finished: SUCCESS
```

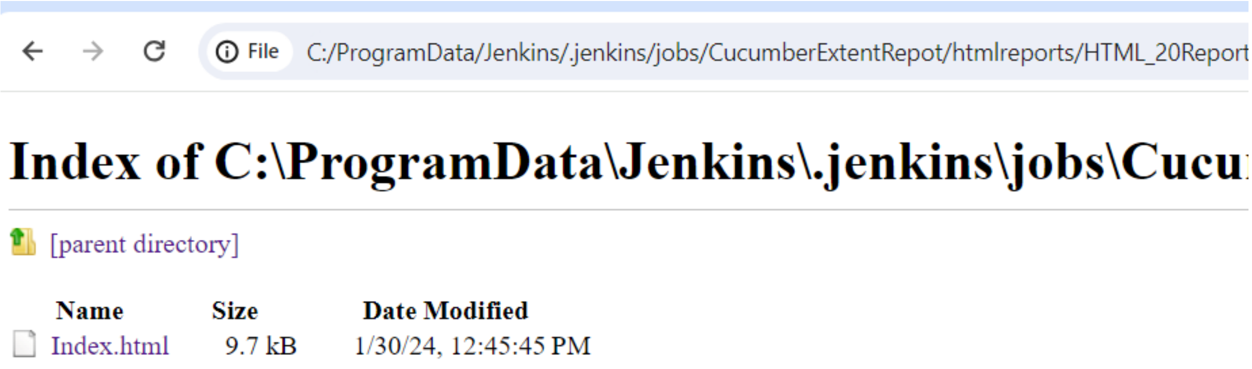

ATE-Phase2-Cucumber - Googl
CucumberExtentRepot #2 Cons
Sonal0409/ATe-Phase2-Jenkins-
Index of C:\ProgramData\Jenkin
File

C:/ProgramData/Jenkins/.jenkins/jobs/CucumberExtentRepot/htmlreports/HTML_20Report/

Index of C:\ProgramData\Jenkins\.jenkins\jobs\CucumberExtentRepot\h

[parent directory]

Name	Size	Date Modified
.settings/		1/30/24, 12:45:53 PM
src/		1/30/24, 12:45:53 PM
target/		1/30/24, 12:45:53 PM
test output/		1/30/24, 12:45:54 PM
test-output/		1/30/24, 12:45:54 PM
test-output-thread/		1/30/24, 12:45:54 PM
.classpath	1.6 kB	1/30/24, 12:31:54 PM
.project	884 B	1/30/24, 12:31:54 PM
htmlpublisher-wrapper.html	3.9 kB	1/30/24, 12:45:54 PM
pom.xml	4.1 kB	1/30/24, 12:31:54 PM

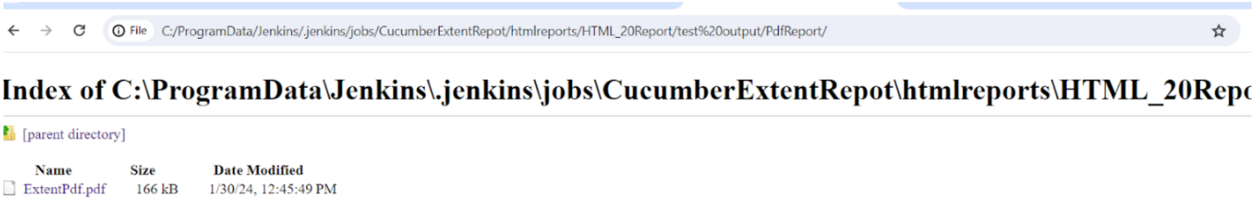


C:/ProgramData/Jenkins/.jenkins/jobs/CucumberExtentRepot/htmlreports/HTML_20Report

Index of C:\ProgramData\Jenkins\.jenkins\jobs\Cucu

[parent directory]

Name	Size	Date Modified
Index.html	9.7 kB	1/30/24, 12:45:45 PM



C:/ProgramData/Jenkins/.jenkins/jobs/CucumberExtentRepot/htmlreports/HTML_20Report/test%20output/PdfReport/

Index of C:\ProgramData\Jenkins\.jenkins\jobs\CucumberExtentRepot\htmlreports\HTML_20Repo

[parent directory]

Name	Size	Date Modified
ExtentPdf.pdf	166 kB	1/30/24, 12:45:49 PM

Note: Add these dependency if you get error with compiler plugin . Other wise not required.

```
<dependency> <groupId>org.projectlombok</groupId> <artifactId>lombok</artifactId>
<version>1.18.24</version> <scope>provided</scope> </dependency>
```