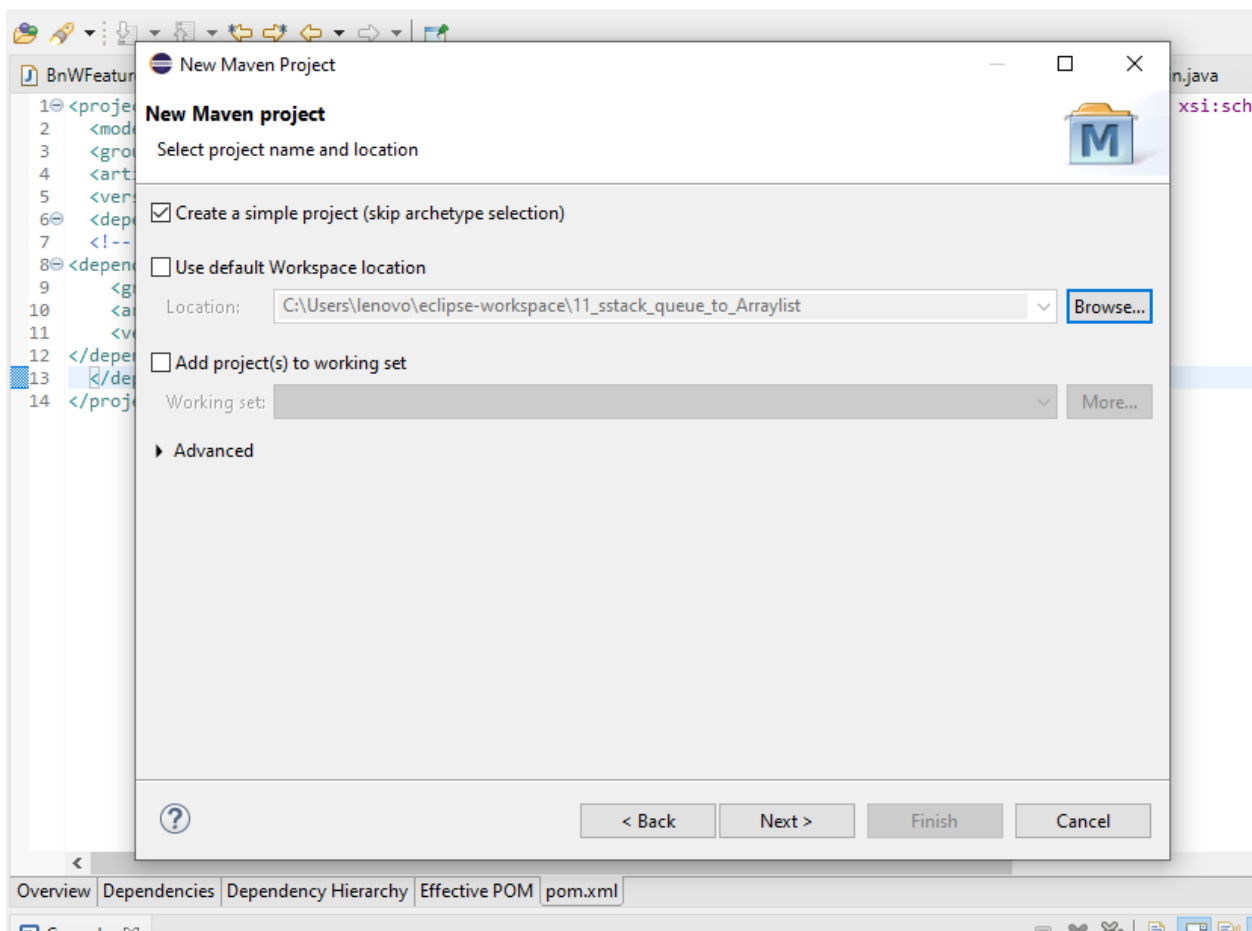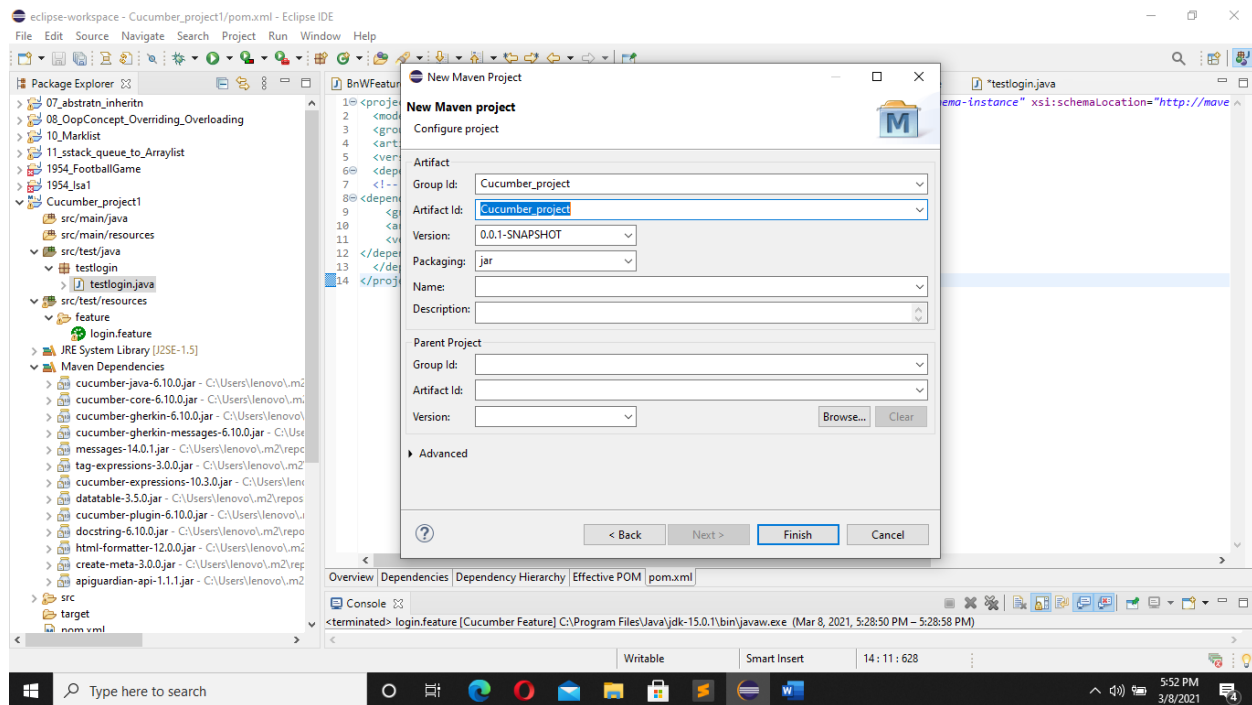1954 cucumber

The code to test the acceptance criteria using cucumber in eclipse IDE java language Assignment

Steps:

Step 1: Create a new Maven Project

New->others>marvenproject->select any od project->

Step2: Add maven dependency for cucumber java

 Got to **https://mvnrepository.com/repos/central**

Go to the above link->https://mvnrepository.com/repos/central

->search cucumber->select **Cucumber JVM: Java**

->click on io.cucumber -> click->cucumber-java->click on stable version 6.10.0->copy dependency

Copy the dependency and past in pom.xml

Step3: Create a folder feature under src/test/resources

Right click-->new---->create new folder

Named it as feature
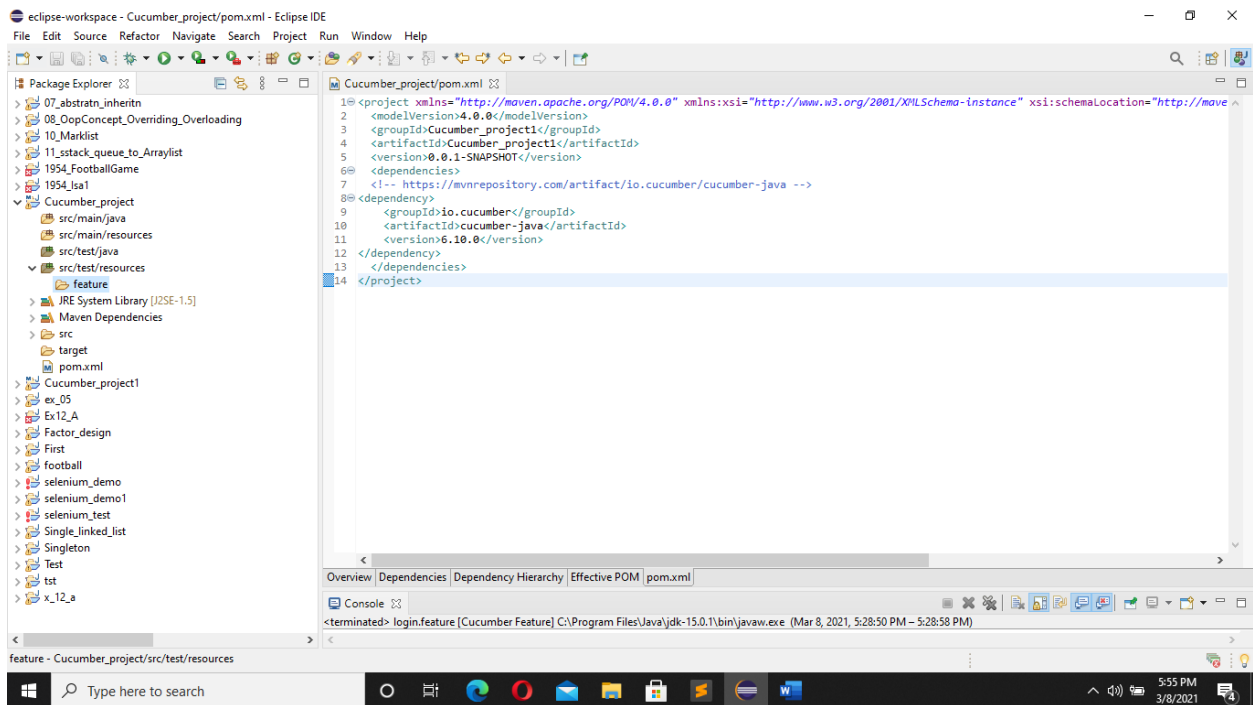
Step4: Under feature folder create new file login.feature
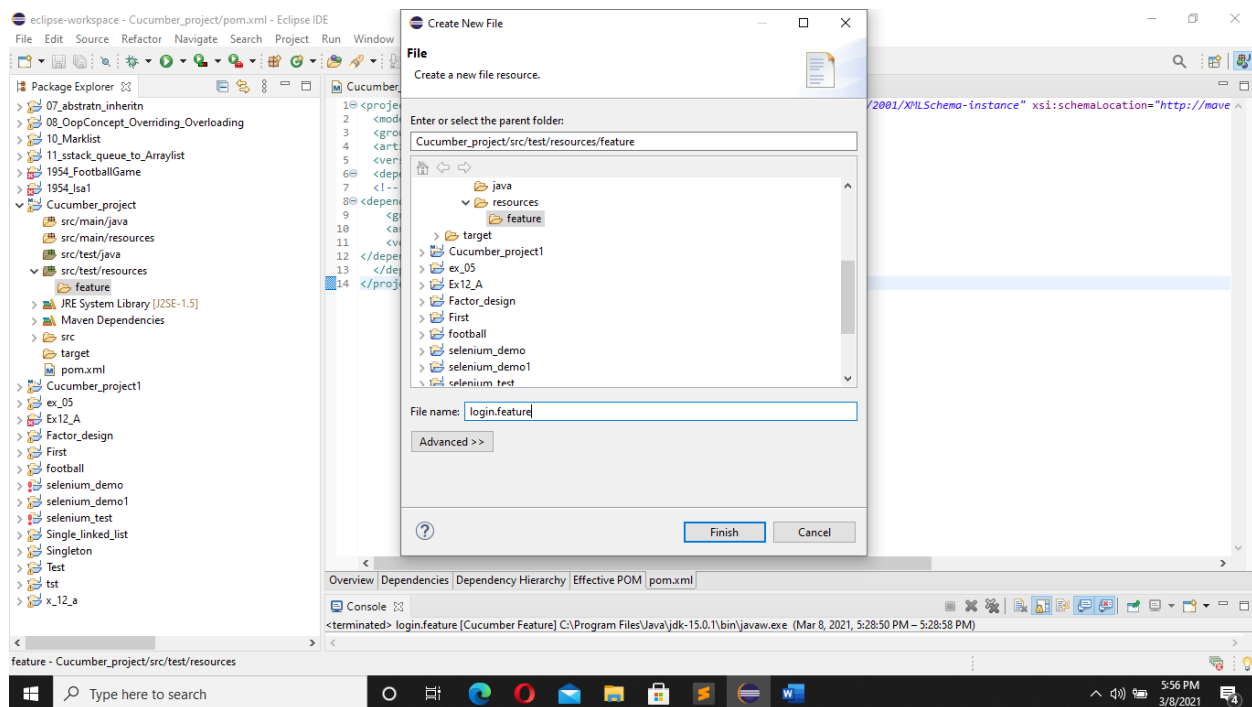
Right Click-->go to → new file→ named it as login.feature

Step5: Download cucumber plugin from eclipse market place

Step6: create feature file and add contents

Step7: Try to run feature file

Step8: Add step definitions / glue code under src/test/java package

```java
1  package testlogin;
2
3  import io.cucumber.java.en.Given;
4  import io.cucumber.java.en.Then;
5  import io.cucumber.java.en.When;
6
7  public class TestLogin {
8      @Given("I want to enter name1 and pass1")
9      public void i_want_to_enter_name1_and_pass1() {
10         // Write code here that turns the phrase above into concrete actions
11         throw new io.cucumber.java.PendingException();
12     }
13
14     @When("I click on login button")
15     public void i_click_on_login_button() {
16         // Write code here that turns the phrase above into concrete actions
17         throw new io.cucumber.java.PendingException();
18     }
19
20     @Then("then i should be able to login")
21     public void then_i_should_be_able_to_login() {
22         // Write code here that turns the phrase above into concrete actions
23         throw new io.cucumber.java.PendingException();
24     }
25
26     @Given("I want to enter name2 and pass2")
27     public void i_want_to_enter_name2_and_pass2() {
28         // Write code here that turns the phrase above into concrete actions
29         throw new io.cucumber.java.PendingException();
30     }
31
32
33 }
34
```

```java
1  package testlogin;
2
3  import io.cucumber.java.en.Given;
4  import io.cucumber.java.en.Then;
5  import io.cucumber.java.en.When;
6
7  public class TestLogin {
8      @Given("I want to enter name1 and pass1")
9      public void i_want_to_enter_name1_and_pass1() {
10         // Write code here that turns the phrase above into concrete actions
11         System.out.println("inside:i want to enter valid name1 and pass1");
12     }
13
14     @When("I click on login button")
15     public void i_click_on_login_button() {
16         // Write code here that turns the phrase above into concrete actions
17         System.out.println("inside:i click on login button");
18     }
19
20     @Then("then i should be able to login")
21     public void then_i_should_be_able_to_login() {
22         // Write code here that turns the phrase above into concrete actions
23         System.out.println("inside:i should be able to logii");
24     }
25
26     @Given("I want to enter name2 and pass2")
27     public void i_want_to_enter_name2_and_pass2() {
28         // Write code here that turns the phrase above into concrete actions
29         System.out.println("inside:i want to enter valid name2 and pass2");
30     }
31
32 }
33
```
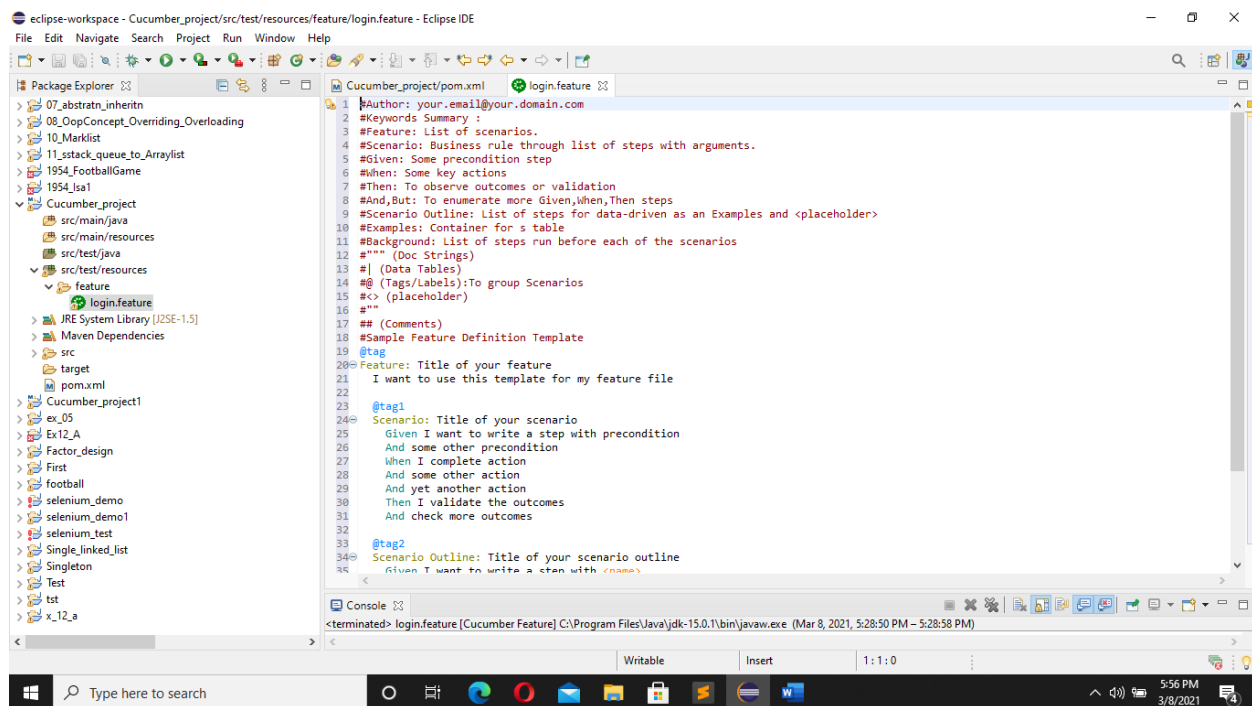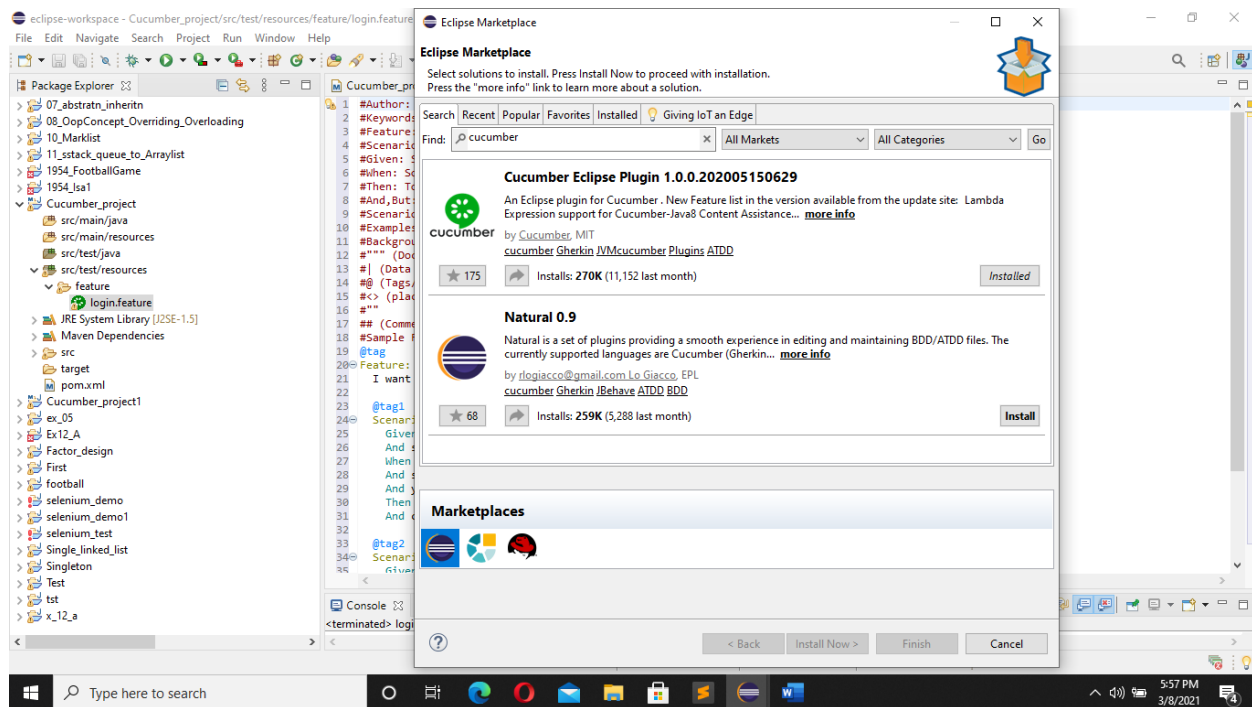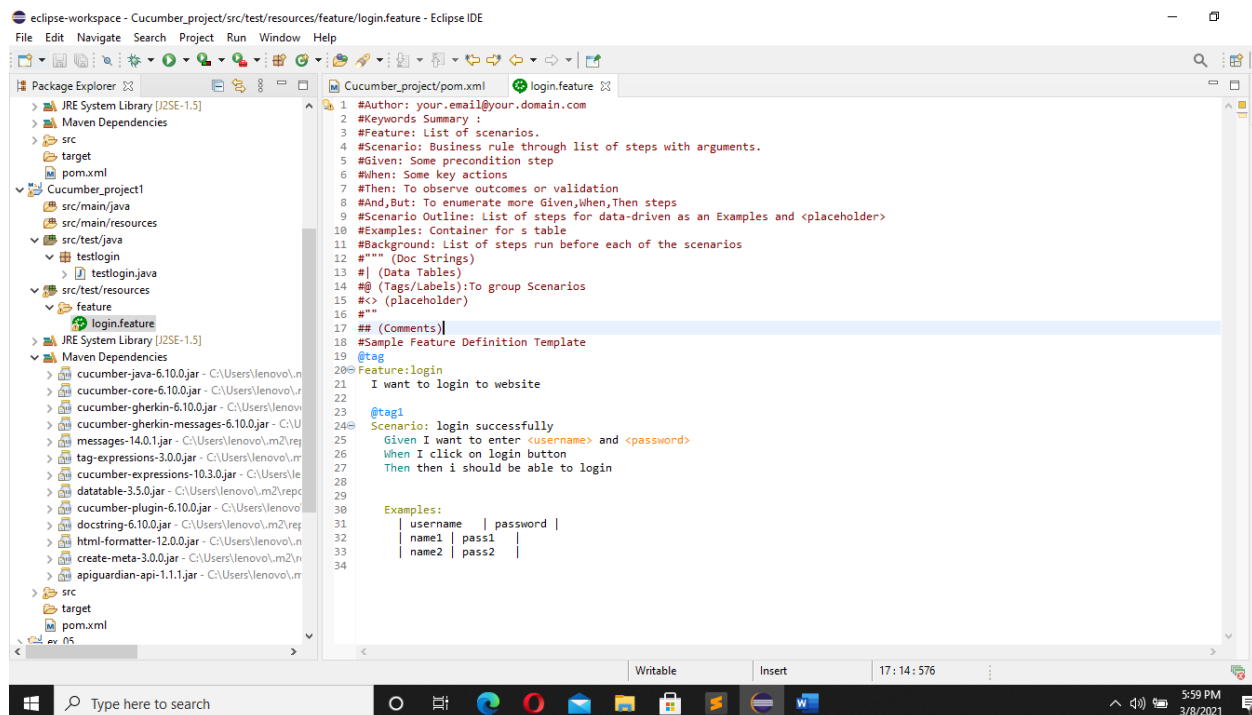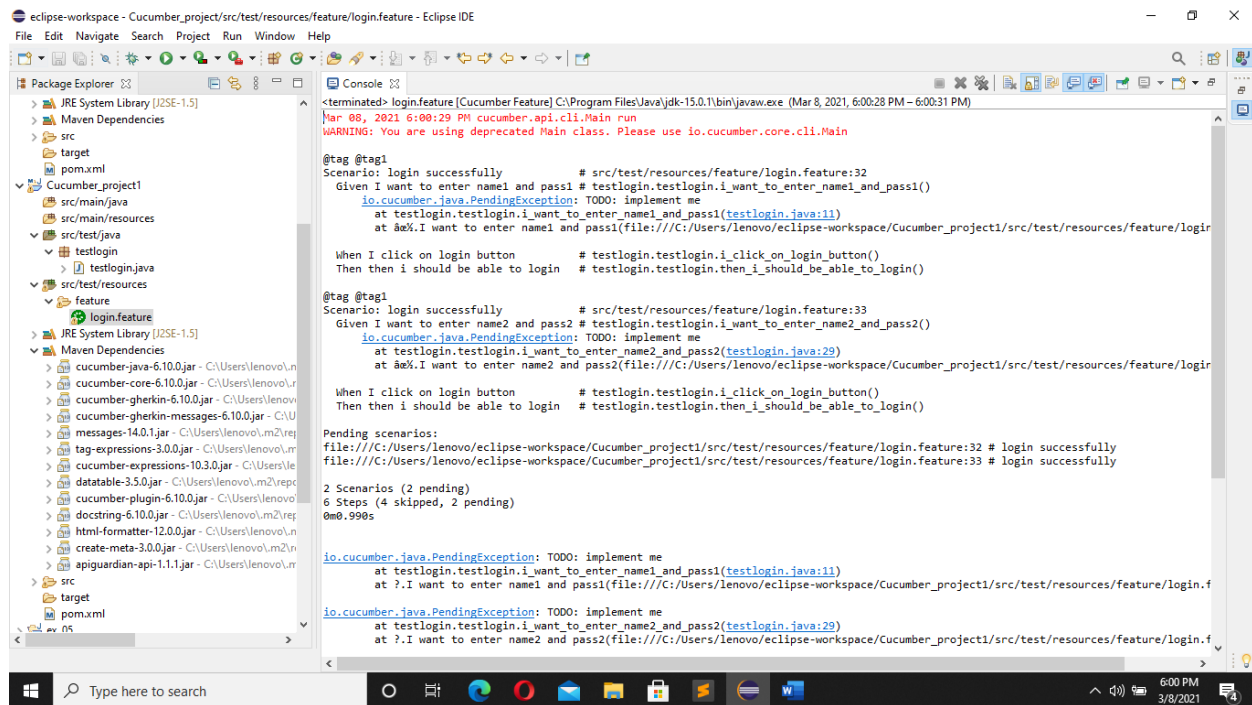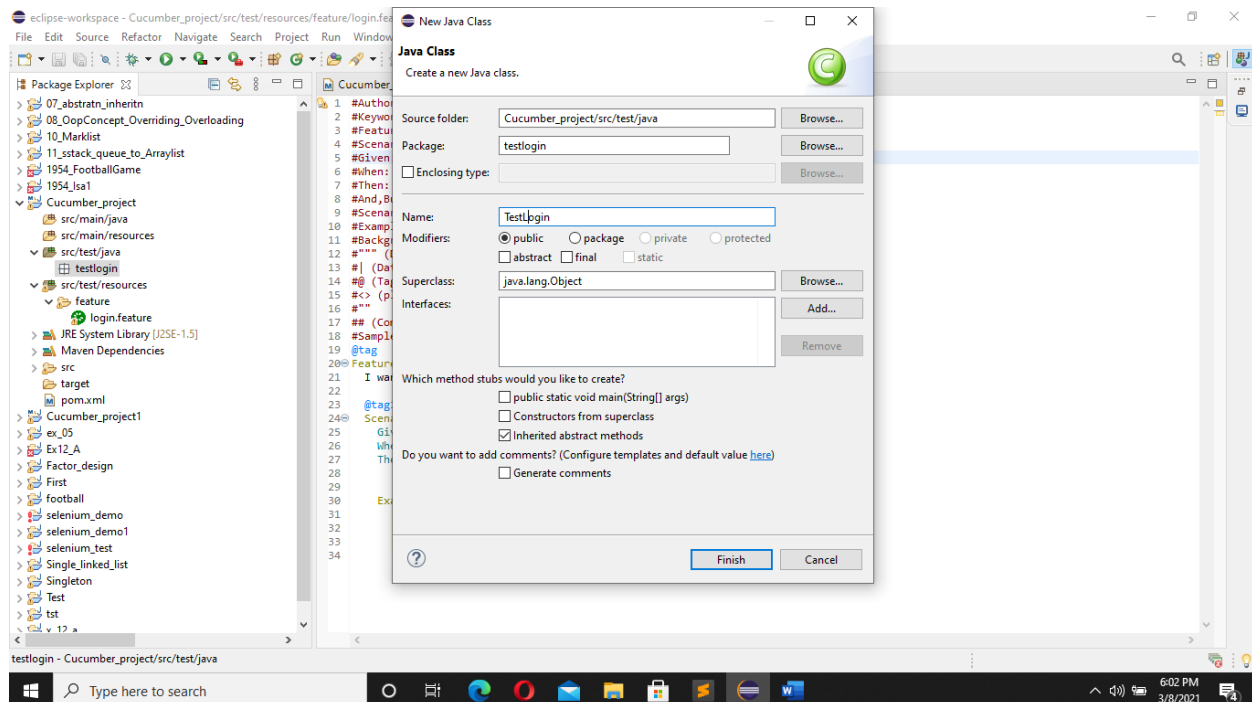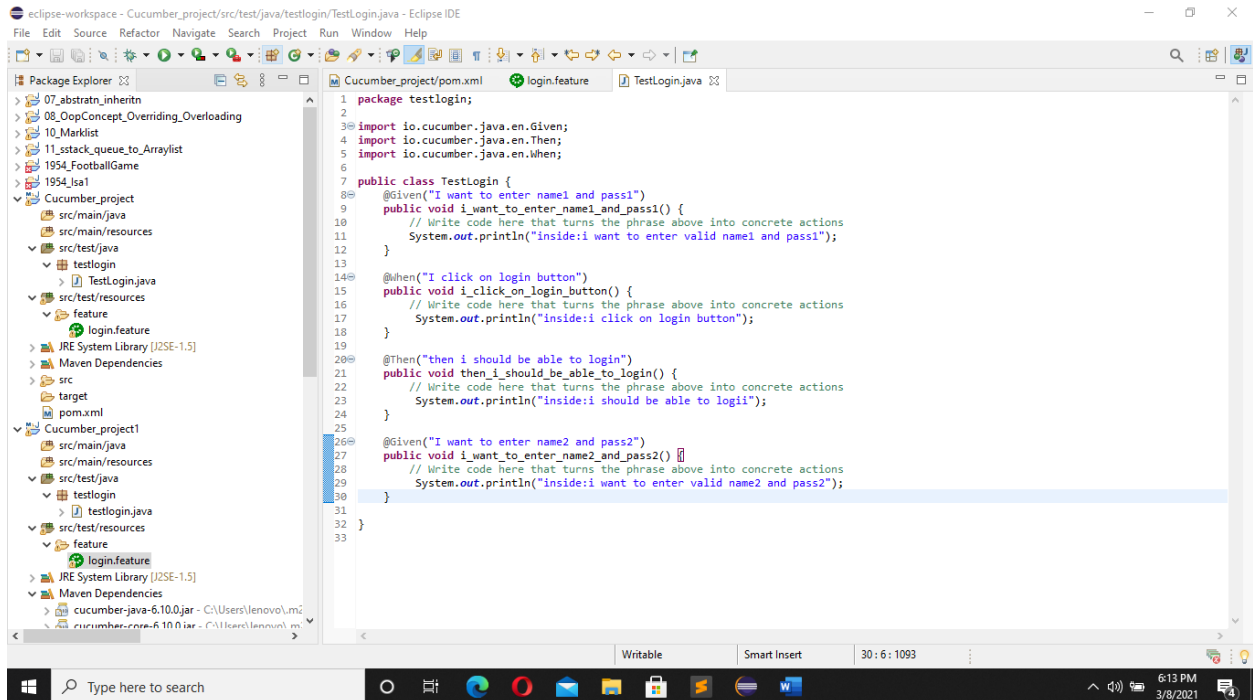
Step9: Create a runner class

@RunWith(Cucumber.class)

@CucumberOptions(features="src/test/resources/Feature", glue= {"stepDefinition"})

Step10: search for maven dependency for junit and cucumber junit (io)

  Got to https://mvnrepository.com/repos/central

JUnit » 4.11

JUnit is a regression testing framework written by Erich Gamma and Kent Beck. It is used by the developer who implements unit tests in Java.

License	CPAL 1.0 CPL 1.0
Categories	Testing Frameworks
Organization	JUnit
HomePage	http://junit.org
Date	(Nov 14, 2012)
Files	pom (1 KB) View All
Repositories	Central Aspose Geomajas Mulesoft Sonatype
Used By	1,500 artifacts

Note: This artifact was moved to:

junit » junit » 4.11

The artifact junit:junit does not contain Hamcrest anymore but declares a dependency to Hamcrest. Thus, junit:junit-dep has become obsolete.

Maven Gradle SBT Ivy Grape Leiningen Buildr

```
<groupId>junit</groupId>
<artifactId>junit-dep</artifactId>
<version>4.11</version>
<type>pom</type>
```

MVNREPOSITORY

Search for groups, artifacts, categories   Search

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Indexed Artifacts (19.8M)

Home » io.cucumber » cucumber-junit » 6.10.0

Cucumber JVM: JUnit » 6.10.0

Cucumber JVM: JUnit

License	MIT
Categories	Testing Frameworks
Date	(Feb 14, 2021)
Files	jar (38 KB) View All
Repositories	Central
Used By	223 artifacts

Maven Gradle SBT Ivy Grape Leiningen Buildr

```
<!-- https://mvnrepository.com/artifact/io.cucumber/cucumber-junit -->
<dependency>
    <groupId>io.cucumber</groupId>
    <artifactId>cucumber-junit</artifactId>
    <version>6.10.0</version>
    <scope>test</scope>
</dependency>
```
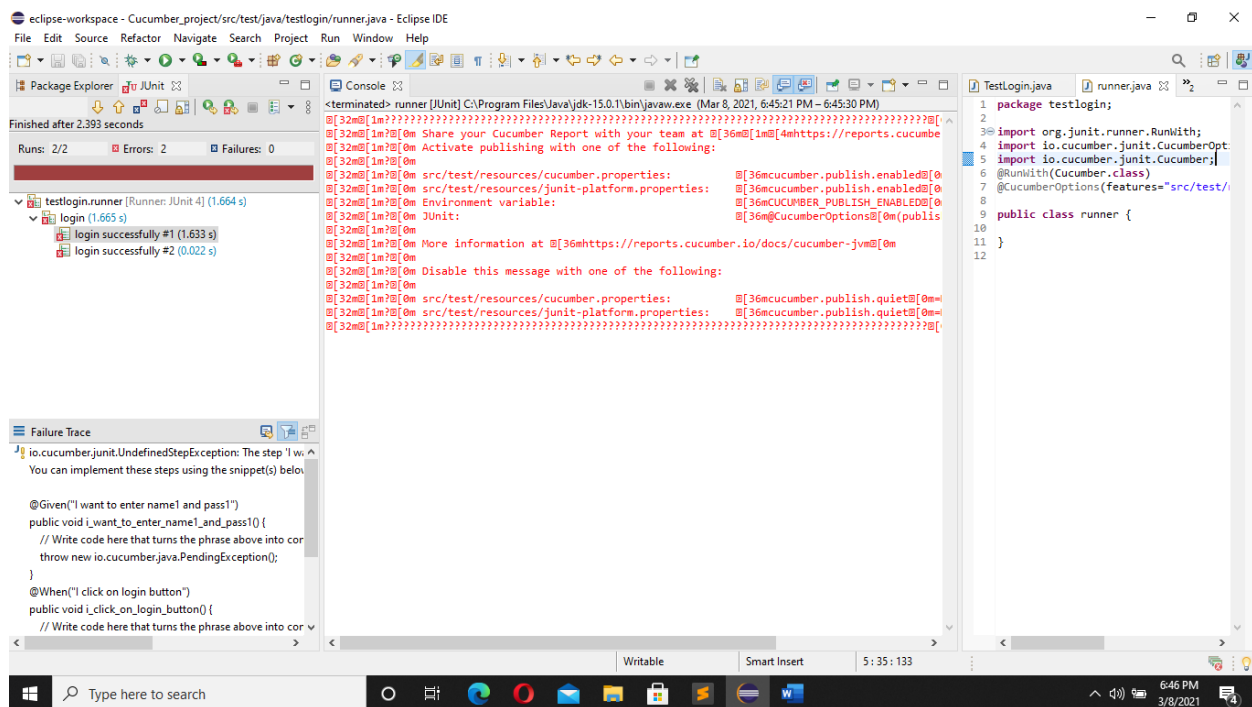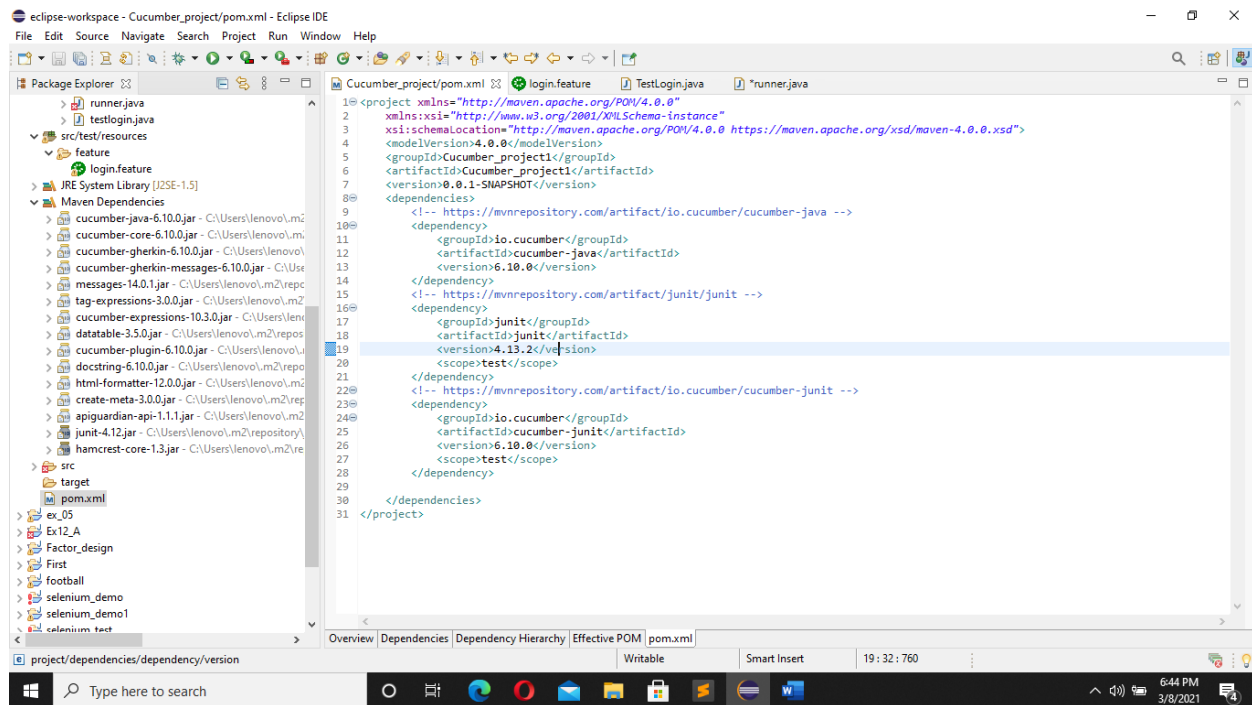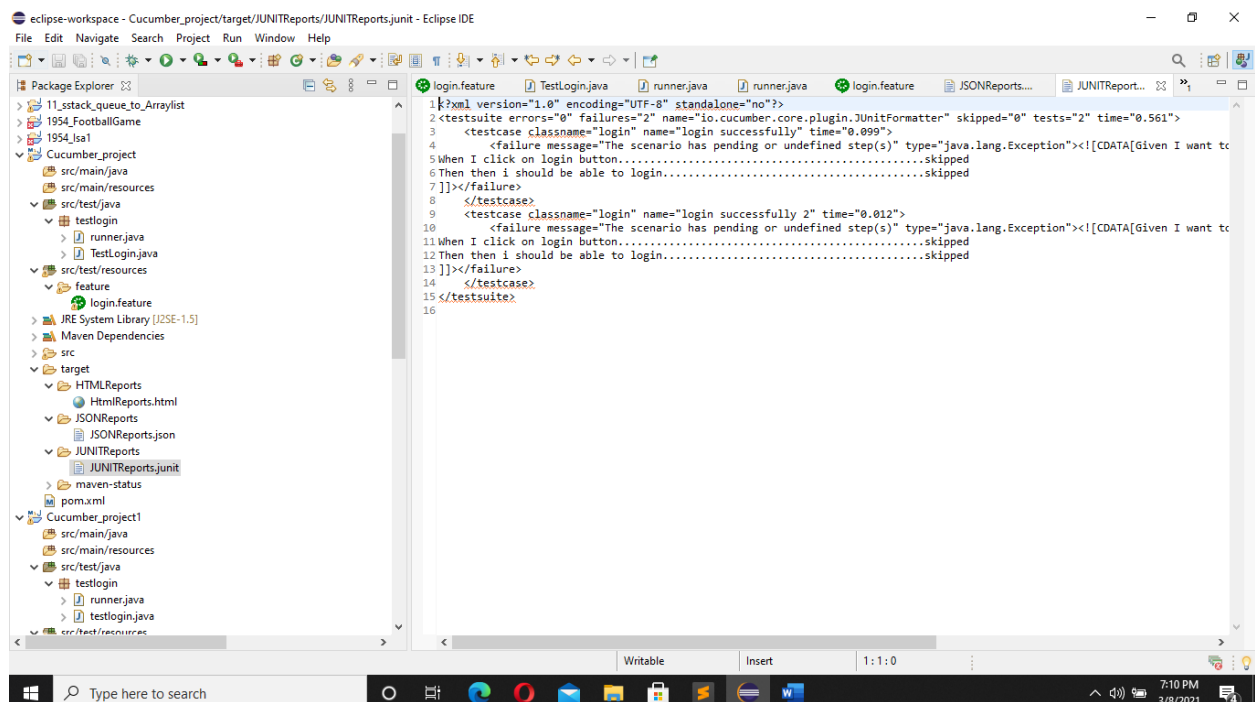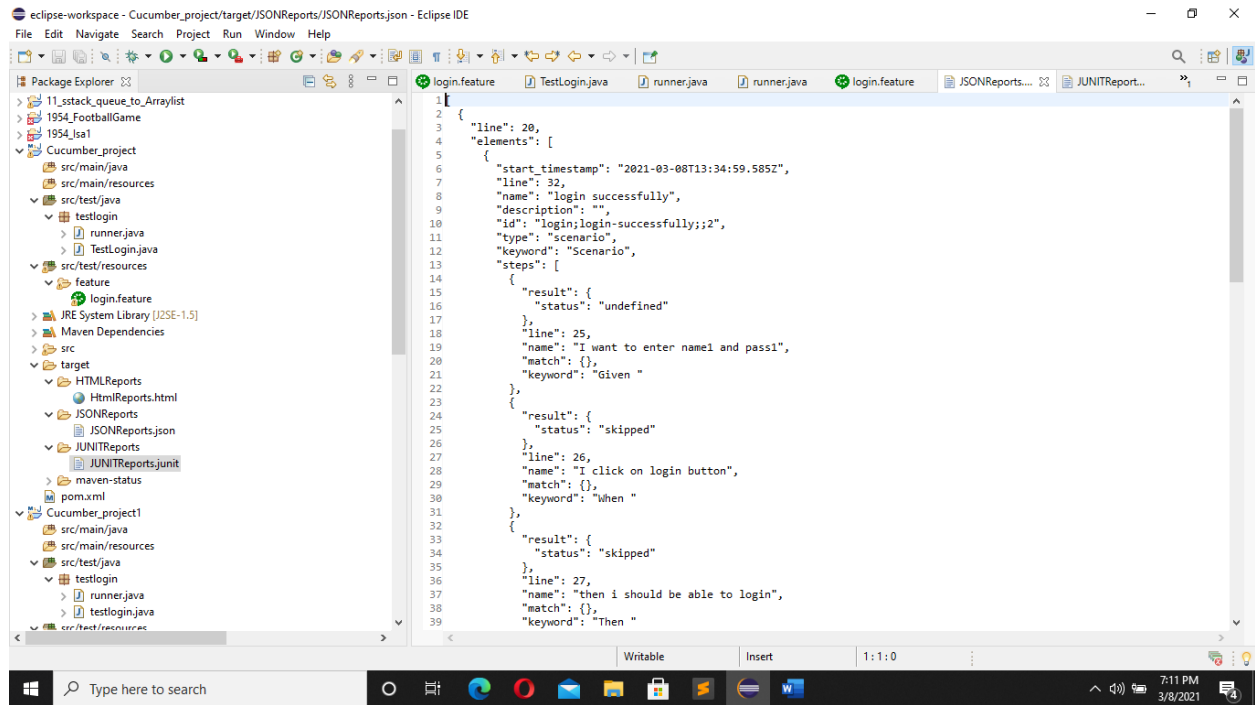
☑ Include comment with link to declaration

Spark Change

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Collections
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Date and Time Utilities
Dependency Injection

Copy the dependency and past in pom.xml

Step 11: Generate report (HTML, JSON and JUNIT)

Kindly submit the link to video on pdf OR place the screen print on doc file and convert to pdf and submit here.