# See the description below feature-

This is to give more information to the stakeholders.

We hit one tab key to make indentation more better and then add the description below features.

A yellow box with black text

Description automatically generated with low confidence

# Sometimes you wont see this flagging-

A screenshot of a computer

Description automatically generated with low confidence

Then close and reopen the feature file.

If it does not work then right click on project -> maven -> update project -> select force update -> click ok.

Alignment and indentation is very important in feature file.

# Background meaning-

A screenshot of a computer

Description automatically generated with low confidence

Background will run before each and every scenario runs. If there are ten scenarios, then background runs ten times.

# Run the order feature file-

|  |
| --- |
| Feature: amazon order page  in order to check my order details  as a registered user  i want to specify the features of order details page    Background:  Given a registered user exists  Given user is on amazon login page  When user enters username  And user enters password  And user clicks on login button  Then user navigates to order page    Scenario: check previous order details  When user clicks on orders link  Then user checks the previous order details    Scenario: check open order details  When user clicks on open orders link  Then user checks the open order details    Scenario: check cancelled order details  When user clicks on cancelled orders link  Then user checks the cancelled order details |

You will get the code for step definition file in the console.

Create step def file.

Selenium is just a library to automate the browser.

# Where is the location of .class file which is compiled from eclipse-

E:\Naveen Java Training\**Cucumber\CucumberPractices\target\test-classes**

# Run sample dummy code-

Feature file:

|  |
| --- |
| Feature: amazon order page  in order to check my order details  as a registered user  i want to specify the features of order details page    Background:  Given a registered user exists  Given user is on amazon login page  When user enters username  And user enters password  And user clicks on login button  Then user navigates to order page    Scenario: check previous order details  When user clicks on orders link  Then user checks the previous order details    Scenario: check open order details  When user clicks on open orders link  Then user checks the open order details    Scenario: check cancelled order details  When user clicks on cancelled orders link  Then user checks the cancelled order details |

Step def file:

|  |
| --- |
| **package** StepDefinitions;  **import** io.cucumber.java.en.Given;  **import** io.cucumber.java.en.Then;  **import** io.cucumber.java.en.When;  **public** **class** AmazonOrderPageStepDef {  @Given("a registered user exists")  **public** **void** a\_registered\_user\_exists() {  }  @Given("user is on amazon login page")  **public** **void** user\_is\_on\_amazon\_login\_page() {  }  @When("user enters username")  **public** **void** user\_enters\_username() {  }  @When("user enters password")  **public** **void** user\_enters\_password() {  }  @When("user clicks on login button")  **public** **void** user\_clicks\_on\_login\_button() {  }  @Then("user navigates to order page")  **public** **void** user\_navigates\_to\_order\_page() {  }  @When("user clicks on orders link")  **public** **void** user\_clicks\_on\_orders\_link() {  }  @Then("user checks the previous order details")  **public** **void** user\_checks\_the\_previous\_order\_details() {  }  @When("user clicks on open orders link")  **public** **void** user\_clicks\_on\_open\_orders\_link() {  }  @Then("user checks the open order details")  **public** **void** user\_checks\_the\_open\_order\_details() {  }  @When("user clicks on cancelled orders link")  **public** **void** user\_clicks\_on\_cancelled\_orders\_link() {  }  @Then("user checks the cancelled order details")  **public** **void** user\_checks\_the\_cancelled\_order\_details() {  }  } |

Output:

|  |
| --- |
|  |

Background should be short and crisp.

Don’t write lengthy.

Don’t write complex steps.

# Created runner and running as junit test using runner-

|  |
| --- |
| **package** testRunners;  **import** io.cucumber.junit.Cucumber;  **import** io.cucumber.junit.CucumberOptions;  **import** org.junit.runner.RunWith;  @RunWith(Cucumber.**class**)  @CucumberOptions(plugin = { "pretty" }, features = {  "src/test/resources/AppFeatures/AmazonOrderPage.feature" }, glue = { "StepDefinitions" })  **public** **class** AmazonOrdersPageTest {  } |

Output:

|  |
| --- |
| Console: |

# Run using maven-

Go to the project path in command line.

A screenshot of a computer program

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidence

# Project structure-

A screenshot of a computer program

Description automatically generated with medium confidence

# Codes-

Output for codes already mentioned earlier.

Feature file for amazon order:

|  |
| --- |
| Feature: amazon order page  in order to check my order details  as a registered user  i want to specify the features of order details page    Background:  Given a registered user exists  Given user is on amazon login page  When user enters username  And user enters password  And user clicks on login button  Then user navigates to order page    Scenario: check previous order details  When user clicks on orders link  Then user checks the previous order details    Scenario: check open order details  When user clicks on open orders link  Then user checks the open order details    Scenario: check cancelled order details  When user clicks on cancelled orders link  Then user checks the cancelled order details |

Amazon order step def:

|  |
| --- |
| **package** StepDefinitions;  **import** io.cucumber.java.en.Given;  **import** io.cucumber.java.en.Then;  **import** io.cucumber.java.en.When;  **public** **class** AmazonOrderPageStepDef {  @Given("a registered user exists")  **public** **void** a\_registered\_user\_exists() {  }  @Given("user is on amazon login page")  **public** **void** user\_is\_on\_amazon\_login\_page() {  }  @When("user enters username")  **public** **void** user\_enters\_username() {  }  @When("user enters password")  **public** **void** user\_enters\_password() {  }  @When("user clicks on login button")  **public** **void** user\_clicks\_on\_login\_button() {  }  @Then("user navigates to order page")  **public** **void** user\_navigates\_to\_order\_page() {  }  @When("user clicks on orders link")  **public** **void** user\_clicks\_on\_orders\_link() {  }  @Then("user checks the previous order details")  **public** **void** user\_checks\_the\_previous\_order\_details() {  }  @When("user clicks on open orders link")  **public** **void** user\_clicks\_on\_open\_orders\_link() {  }  @Then("user checks the open order details")  **public** **void** user\_checks\_the\_open\_order\_details() {  }  @When("user clicks on cancelled orders link")  **public** **void** user\_clicks\_on\_cancelled\_orders\_link() {  }  @Then("user checks the cancelled order details")  **public** **void** user\_checks\_the\_cancelled\_order\_details() {  }  } |

Runner:

|  |
| --- |
| **package** testRunners;  **import** io.cucumber.junit.Cucumber;  **import** io.cucumber.junit.CucumberOptions;  **import** org.junit.runner.RunWith;  @RunWith(Cucumber.**class**)  @CucumberOptions(plugin = { "pretty" }, features = {  "src/test/resources/AppFeatures/AmazonOrderPage.feature" }, glue = { "StepDefinitions" })  **public** **class** AmazonOrdersPageTest {  } |