SOURCE CODE

Feature file:

@all

Feature: Testing on Amazon Application

Background:

Given I am on Amazon HomePage

@application

Scenario Outline: SignIn Page

Then I hover on Signin Accounts and List

And I enter email id like '<EmailId' on the page And I closed the browser

Examples:

| EmailId |

| [sivaji9052557046@gmail.com](mailto:sivaji9052557046@gmail.com%20) |

@application

Scenario: Mobile Search Page

Then I enter input on the search bar Then I submit the searched item

And I choose the item from the wishlist Then I click on wishlist button

And I closed the browser

@course

Scenario: Mobile Page

Then I click on the link Mobiles Then I move the mouse to the element

Then I click on the mobile brand Apple Then I click on the Apple phone link Then I switch to the new tab window Then I click on the addtocart button And I closed the browser

StepDefinition file:

**package** steps;

**import** java.util.ArrayList;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver; **import** org.openqa.selenium.interactions.Actions; **import** io.cucumber.java.en.Given;

**import** io.cucumber.java.en.Then;

**public class** Endlesson { WebDriver driver;

@Given("I am on Amazon HomePage")

**public void** i\_am\_on\_amazon\_home\_page() **throws** InterruptedException { driver = **new** ChromeDriver(); driver.manage().window().maximize(); driver.get("https://[www.amazon.in/](http://www.amazon.in/)");

Thread.*sleep*(1500);

}

@Then("I hover on Signin Accounts and List")

**public void** i\_hover\_on\_signin\_accounts\_and\_list() **throws** InterruptedException

{

WebElement e1 = driver.findElement(By.*xpath*("//\*[@class='nav-line-2 ']")); Actions a = **new** Actions(driver); a.moveToElement(e1).perform();

Thread.*sleep*(1500); driver.findElement(By.*linkText*("Sign in")).click();

}

@Then("I enter email id like {string} on the page")

**public void** i\_enter\_email\_id\_like\_on\_the\_page(String EmailId) { driver.findElement(By.*id*("ap\_email")).sendKeys("[sivaji9052557046@gmail.com](mailto:sivaji9052557046@gmail.com)");

driver.findElement(By.*xpath*("//input[@id='continue']")).click();

}

@Then("I closed the browser")

**public void** i\_closed\_the\_browser() { driver.close();

}

@Then("I enter input on the search bar")

**public void** i\_enter\_input\_on\_the\_search\_bar() { driver.findElement(By.*id*("twotabsearchtextbox")).sendKeys("iphone 13");

}

@Then("I submit the searched item")

**public void** i\_submit\_the\_searched\_item() **throws** InterruptedException { driver.findElement(By.*id*("twotabsearchtextbox")).submit();

Thread.*sleep*(1500);

}

@Then("I choose the item from the wishlist")

**public void** i\_choose\_the\_item\_from\_the\_wishlist() **throws** InterruptedException

{

driver.findElement(By.*xpath*("(//div[@class='a-

section'])[2]/descendant::span[11]")).click();

ArrayList<String> tabs = **new** ArrayList<String>(driver.getWindowHandles()); driver.switchTo().window(tabs.get(1));

Thread.*sleep*(1500);

}

@Then("I click on wishlist button")

**public void** i\_click\_on\_wishlist\_button() {

driver.findElement(By.*id*("wishlistButtonStack")).click();

}

@Then("I click on the link Mobiles")

**public void** i\_click\_on\_the\_link\_mobiles() { driver.findElement(By.*linkText*("Mobiles")).click();

}

@Then("I move the mouse to the element")

**public void** i\_move\_the\_mouse\_to\_the\_element() **throws** InterruptedException { WebElement mobile = driver.findElement(By.*xpath*("//\*[@id='nav-

subnav']/descendant::span[2]"));

Actions a = **new** Actions(driver); a.moveToElement(mobile).build().perform(); Thread.*sleep*(1500);

}

@Then("I click on the mobile brand Apple")

**public void** i\_click\_on\_the\_mobile\_brand\_apple() { driver.findElement(By.*linkText*("Apple")).click();

}

@Then("I click on the Apple phone link")

**public void** i\_click\_on\_the\_apple\_phone\_link() { driver.findElement(By.*xpath*("(//div[@class='sg-col-

inner'])[6]/descendant::span[9]")).click();

}

@Then("I switch to the new tab window")

**public void** i\_switch\_to\_the\_new\_tab\_window() **throws** InterruptedException { ArrayList<String> tabs = **new** ArrayList<String>(driver.getWindowHandles());

driver.switchTo().window(tabs.get(1)); Thread.*sleep*(1500);

}

@Then("I click on the addtocart button")

**public void** i\_click\_on\_the\_addtocart\_button() { driver.findElement(By.*id*("add-to-cart-button")).click();

}

}

Hooks File:

**package** steps;

**import** io.cucumber.java.After;

**import** io.cucumber.java.Before;

**public class** HooksIntegration {

@Before(order = 0,value="@application")

**public void** Appsetup()

{

System.***out***.println("Executing only application scenarios");

System.***out***.println("The feature scenario has started"); System.***out***.println("The Author is siva");

}

@Before(order = 1,value="@course")

**public void** Coursesetup()

{

System.***out***.println("Connect to Course");

}

@After(order = 1,value="@course")

**public void** CourseClose()

{

System.***out***.println("Close the Course connection");

}

@After(order = 0,value="@application")

**public void** teardown()

{

System.***out***.println("The feature scenario has completed");

}

}

Runner file:

**package** runner;

**import** org.junit.runner.RunWith;

**import** io.cucumber.junit.Cucumber;

**import** io.cucumber.junit.CucumberOptions;

@RunWith(Cucumber.**class**) @CucumberOptions(features="C:\\Users\\siva reddy\\eclipse-workspace\\Lesson5- CucumberDemo\\src\\test\\java\\features\\Lessonend.feature",

glue= {"steps"}, dryRun=**false**, plugin= {"pretty",

"com.aventstack.extentreports.cucumber.adapter.ExtentCucumberAdapter:",

"timeline:test-output-thread/"

},

tags="@application"

)

**public class** LessonendRunner {

}

OUTPUT:

