

## Source code:

```
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.Before;
import io.cucumber.java.BeforeAll;

public class BaseTest {

    scenario in feature file

    public static WebDriver driver;

    @BeforeAll
    public static void initialization()
    {
        System.out.println("Lesson End Project test
Started");
    }

    @Before
    public void openBrowser() throws
InterruptedException
    {

        System.setProperty("webdriver.chrome.driver",
"C:\\\\Users\\Downloads\\chromedriver\\chromedriver-win6
4\\chromedriver.exe");
        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.manage().deleteAllCookies();
        driver.get("https://www.amazon.in/");
    }
}
```

```

        Thread.sleep(3000);
    }

    @After
    public void CloseBrowser()
    {
        driver.quit();
    }

    @AfterAll
    public static void CompletedProject()
    {
        System.out.println("Lesson End Project test
Completed");
    }
}

```

---

feature file

**Feature:** Test lesson End project on Amazon Page

**Scenario Outline:** Create account on Amazon

**Given** User navigates to create account page

**Then** User Enters

'<name>', '<mobilenumber>', '<password>'

**And** User clicks on Verify mobile number

**Examples:**

name	mobilenumber	password	
user1	9879878987	password1	

**Scenario:** Add Mobile device to the Amazon Cart

**Given** User gets title of the main Page

```
Then User clicks on link Mobiles
And User navigates to Mobiles & accessories
And User click on Apple product
Then User select the first apple product
And User will switch to new window and get title
Then user click on Add to Cart
Then User refreshes the Page and click on Cart
link
Then User clicks on proceed to pay button
```

```
package steps;
```

```
import static steps.BaseTest.driver;
```

```
import java.util.ArrayList;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.WebElement;
```

```
import org.openqa.selenium.interactions.Actions;
```

```
import io.cucumber.java.en.And;
```

```
import io.cucumber.java.en.Given;
```

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

```
public class AmazonPageTest {
```

```
    @Given("User gets title of the main Page")
```

```
    public void user_gets_title_of_the_main_page() {
```

```
        System.out.println(driver.getTitle());
```

```
    }
```

```
    @Then("User clicks on link Mobiles")
```

```
    public void user_clicks_on_link_mobiles() throws  
InterruptedException {
```

```
        WebElement mobiles =  
driver.findElement(By.xpath("//a[normalize-space()='  
Mobiles']"));
```

```
        mobiles.click();
```

```
        Thread.sleep(1500);  
    }
```

```
    @Then("User navigates to Mobiles & accessories")  
    public void  
user_navigates_to_mobiles_accessories() throws  
InterruptedException {
```

```
        Actions a = new Actions(driver);  
        WebElement MA =  
driver.findElement(By.xpath("(//span[@class='nav-a-c  
ontent'] [normalize-space()='Mobiles &  
Accessories'])[1]"));  
        a.moveToElement(MA).build().perform();  
        Thread.sleep(1500);
```

```
    }
```

```
    @Then("User click on Apple product")  
    public void user_click_on_apple_product() throws  
InterruptedException {
```

```
        WebElement product=  
driver.findElement(By.xpath("(//a[contains(text(),'A  
pple'))][2]"));  
        product.click();  
        Thread.sleep(2500);
```

```
    }
```

```

        @Then("User select the first apple product")
        public void
user_select_the_first_apple_product() throws
InterruptedException {

        WebElement appleproduct =
driver.findElement(By.xpath("(//div[@class='a-section a-spacing-base'])[1]/descendant::span[10]"));

        appleproduct.click();
        Thread.sleep(2500);
    }

    @Then("User will switch to new window and get
title")
    public void
user_will_switch_to_new_window_and_get_title()
throws InterruptedException {

        ArrayList<String> tabs = new
ArrayList<String>(driver.getWindowHandles());

        driver.switchTo().window(tabs.get(1));

        Thread.sleep(1500);

        System.out.println(driver.getCurrentUrl());
        System.out.println(driver.getTitle());
    }

    @Then("user click on Add to Cart")
    public void user_click_on_add_to_cart() throws
InterruptedException {

```

```
        WebElement cart =  
driver.findElement(By.xpath("//input[@id='add-to-car  
t-button']")) ;
```

```
        cart.click();  
        Thread.sleep(1500);  
    }
```

```
@Then("User refreshes the Page and click on Cart  
link")
```

```
    public void  
user_refreshes_the_page_and_click_on_cart_link() {
```

```
        driver.navigate().refresh();  
        WebElement cartlink =  
driver.findElement(By.xpath("//*[@id='nav-cart']/des  
cendant::div[2]"));  
        cartlink.click();  
    }
```

```
@Then("User clicks on proceed to pay button")
```

```
    public void  
user_clicks_on_proceed_to_pay_button() throws  
InterruptedException {  
        WebElement proceed =  
driver.findElement(By.xpath("//input[@name='proceedT  
oRetailCheckout']"));  
        proceed.click();  
  
        Thread.sleep(1500);  
    }
```

```
@Given("User navigates to create account page")
```

```
    public void naviagte_createaccountPage()  
{
```

```

driver.navigate().to("https://www.amazon.in/ap/register?showRememberMe=true&showRmrMe=0&openid.pape.max_auth_age=0&openid.identity=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Fidentifier_select&siteState=isRegularCheckout.1%7CIMBMsgs.%7CisRedirect.1&pageId=amazon_checkout_in&openid.return_to=https%3A%2F%2Fwww.amazon.in%2Fgp%2Fbuy%2Fsignin%2Fhandlers%2Fcontinue.html%3Fie%3DUTF8%26brandId%3D%26cartItemIds%3D%26eGCApp%3D%26hasWorkingJavascript%3D0%26isEGCOrder%3D0%26isFresh%3D%26oldCustomerId%3D0%26oldPurchaseId%3D%26preInitiateCustomerId%3D%26purchaseInProgress%3D%26ref_%3Dcart_signin_submit%26siteDesign%3D&prevRID=A7SSZK4G6K6J0QT8EA70&openid.assoc_handle=amazon_checkout_in&openid.mode=checkid_setup&openid.ns.pape=http%3A%2F%2Fspecs.openid.net%2Fextensions%2Fpape%2F1.0&prepopulatedLoginId=&failedSignInCount=0&openid.claimed_id=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Fidentifier_select&openid.ns=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0&suppressSignInRadioButtons=0");

```

```

    }

```

```

    @Then("User Enters {string},{string},{string}")
    public void user_enter_details(String name,
String mobilenumber, String password) throws
InterruptedException
    {
        WebElement e1 =
driver.findElement(By.xpath("//input[@id='ap_customer_name']"));
        WebElement e2 =
driver.findElement(By.xpath("//input[@id='ap_phone_number']"));
        WebElement e3 =
driver.findElement(By.xpath("//input[@id='ap_password']"));

```

```

        e1.sendKeys(name);
        e2.sendKeys(mobilenumber);
        e3.sendKeys(password);

        Thread.sleep(2000);

    }

    @And("User clicks on Verify mobile number")
    public void click_on_varify()
    {

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

}

```

test Runner file for amazon project:

```

package runner;
import org.junit.runner.RunWith;
import io.cucumber.junit.Cucumber;
import io.cucumber.junit.CucumberOptions;
@RunWith(Cucumber.class)
@CucumberOptions(

features="C:\\Users\\Eclipse\\ATE-Phase2-Cucumber-ExtentReports-Jenkins\\src\\test\\java\\features\\AmazonTest.feature",
        glue = {"steps"}, //packagename where the
steps are
        plugin= {"pretty",
        "html:target/cucumberreport.html",

```



```
}
```

```
)
```

```
public class Amazonrunner {  
}
```