**Project objective:**

Use the website link given to you and automate different functionalities for the same. Create a new project and include all the dependencies in the class path. Create a Java class that will contain your automation and test scripts. Run the project using TestNG.

Source Code

package com.org;

import java.util.ArrayList;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.annotations.Test;

public class AmazonTest {

WebDriver driver=null;

@Test(groups = "Amazon")

public void launchAmazon() {

System.setProperty("webdriver.chrome.driver", "C:\\Selenium\\chromedriver.exe");

driver= new ChromeDriver();

driver.get("https://www.amazon.in/ap/signin?openid.pape.max\_auth\_age=0&openid.return\_to=https%3A%2F%2Fwww.amazon.in%2F%3Fref\_%3Dnav\_ya\_signin&openid.identity=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Fidentifier\_select&openid.assoc\_handle=inflex&openid.mode=checkid\_setup&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&");

}

@Test(groups = "Amazon", dependsOnMethods = {"launchAmazon"})

public void login() {

driver.findElement(By.id("ap\_email")).sendKeys("8013396022");

driver.findElement(By.id("continue")).submit();

}

@Test(groups = "Amazon", dependsOnMethods = {"login"})

public void login2() {

driver.findElement(By.id("ap\_password")).sendKeys("password");;

driver.findElement(By.id("signInSubmit")).submit();

}

@Test(groups = "Amazon", dependsOnMethods = {"login2"})

public void search() {

driver.findElement(By.id("twotabsearchtextbox")).sendKeys("iphone x");

driver.findElement(By.id("nav-search-submit-button")).submit();

}

@Test(groups = "Amazon", dependsOnMethods = {"search"})

public void select() {

driver.findElement(By.partialLinkText("Apple iPhone XR")).click();

}

@Test(groups = "Amazon", dependsOnMethods = {"select"})

public void addtocart() {

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

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

driver.findElement(By.id("add-to-cart-button")).submit();

}

}