Source Code:

1. **SignIn Page**

package Amazon\_project;

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;

public class SignInPage {

public static void main(String[] args) throws InterruptedException {

WebDriver driver = new ChromeDriver();

driver.manage().deleteAllCookies();

driver.manage().window().maximize();

driver.get("https://www.amazon.in/");

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

Actions a = new Actions(driver);

a.moveToElement(e1).perform();

Thread.sleep(3000);

driver.findElement(By.linkText("Sign in")).click();

Thread.sleep(3000);

driver.findElement(By.id("ap\_email")).sendKeys("shridharyaligar321@gmail.com");

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

driver.findElement(By.id("ap\_password")).sendKeys("Shri@7799");

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

String text = driver.findElement(By.xpath("//div[@class='a-box-inner a-alert-container']/descendant::span")).getText();

System.out.println("Error test is >> " + text);

driver.close();

}

}

**2. Mobile Page**

package Amazon\_project;

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;

public class MobilePage {

public static void main(String[] args)throws InterruptedException {

WebDriver driver = new ChromeDriver();

driver.manage().deleteAllCookies();

driver.manage().window().maximize();

driver.get("https://www.amazon.in/");

Thread.sleep(1500);

driver.findElement(By.linkText("Mobiles")).click();

WebElement mobile = driver.findElement(By.xpath("//\*[@id='nav-subnav']/descendant::span[2]"));

Actions a = new Actions(driver);

a.moveToElement(mobile).build().perform();

Thread.sleep(3000);

driver.findElement(By.linkText("Apple")).click();

driver.findElement(By.xpath("(//div[@class='sg-col-inner'])[6]/descendant::span[9]")).click();

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

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

Thread.sleep(1500);

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

}

}

**3. Search Page**

package Amazon\_project;

import java.util.ArrayList;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class SearchPage {

public static void main(String[] args) throws InterruptedException {

WebDriver driver = new ChromeDriver();

driver.manage().deleteAllCookies();

driver.manage().window().maximize();

driver.get("https://www.amazon.in/");

driver.findElement(By.id("twotabsearchtextbox")).sendKeys("iphone 13");

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

Thread.sleep(1500);

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);

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

driver.quit();

}

}