**1) Automating the Amazon application using Selenium Webdriver**

**package** demo;

**import** java.util.ArrayList;

**import** java.util.Set;

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

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

**import** org.openqa.selenium.chrome.ChromeDriver;

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

**public** **class** EndProject{

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

//1)Open the browser

ChromeDriver driver = **new** ChromeDriver();

//2)Maximize it

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

//3)Navigate to application

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

//4)Click on 'Mobiles' in the navigation bar

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

//5)Hover the pointer over 'Mobile & Accessories'

WebElement mobile = driver.findElement(By.*linkText*("Mobiles & Accessories"));

Actions actions = **new** Actions(driver);

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

Thread.*sleep*(2000);

//6)Click on'Apple' in the sub-menu

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

//7)Click on first available phone

driver.findElement(By.*linkText*("Apple iPhone 14 (128 GB) - Blue")).click();

//8)Switch focus on new tab

Set<String> s = driver.getWindowHandles();

ArrayList ar = **new** ArrayList(s);

driver.switchTo().window((String)ar.get(1));

//9)Clcik on 'Buy Now'

driver.findElement(By.*cssSelector*("#buy-now-button")).click();

**if**(driver.getPageSource().contains("Sign in")){

System.***out***.println("Text is present");

}**else**{

System.***out***.println("Text is absent");

}

//6)Close the browser

driver.quit();

}

}