CIA – 1

2)

CODE:

```java
package com.selenium.project1;

import java.util.List;

import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import org.testng.annotations.AfterTest;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class CA1_Q2 {
    WebDriver driver;
    @Test
    public void f() throws InterruptedException {

driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys("Kurtis");

driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys(Keys.ENTER);
            Thread.sleep(3000);
            String a = driver.getTitle();
            if(a.equals("Amazon.in : Kurtis")) {
            System.out.println("Title is Matched\n");
            }
            else {
            System.out.println("Title is Mismatched");
            }
            // TO SCROLL
                JavascriptExecutor js = (JavascriptExecutor)driver;
                js.executeScript("window.scrollBy(0,1000)", "");
            List<WebElement> li=driver.findElements(By.className("s-line-clamp-2"));
            for(int i=0;i<5;i++) {
                System.out.println(li.get(i).getText());
            }
            System.out.println();

driver.findElement(By.xpath("//*[@id=\"p_36/4595087031\"]/span/a")).click();
            Thread.sleep(3000);
            WebElement b=driver.findElement(By.xpath("//*[@id=\"search\"]/span/div/h1/div/div[1]/div/div/span[1]"));
                System.out.println(b.getText()+ " Price 1000 - 1,500");
```
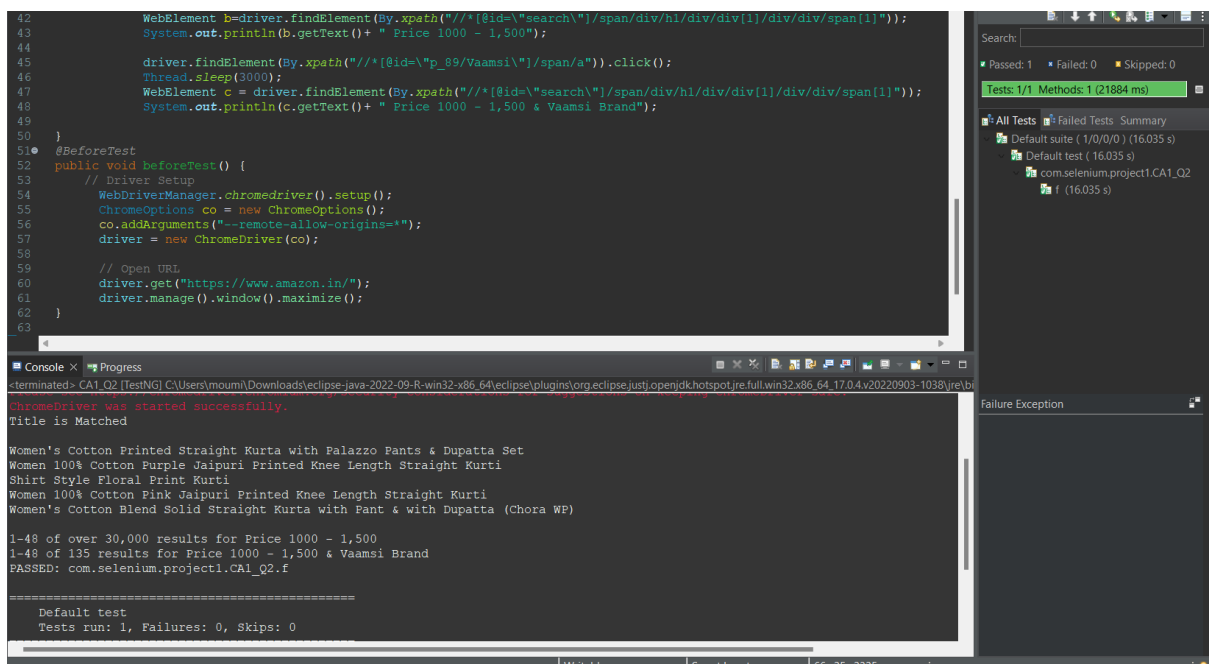
```java
driver.findElement(By.xpath("//*[@id=\"p_89/Vaamsi\"]/span/a")).click();
            Thread.sleep(3000);
            WebElement c =
driver.findElement(By.xpath("//*[@id=\"search\"]/span/div/h1/div/div[1]/div/div/span[1]"));
            System.out.println(c.getText()+ " Price 1000 - 1,500 & Vaamsi Brand");

    }

    @BeforeTest
    public void beforeTest() {
        // Driver Setup
            WebDriverManager.chromedriver().setup();
            ChromeOptions co = new ChromeOptions();
            co.addArguments("--remote-allow-origins=*");
            driver = new ChromeDriver(co);

            // Open URL
            driver.get("https://www.amazon.in/");
            driver.manage().window().maximize();
    }

    @AfterTest
    public void afterTest() {
        driver.quit();
    }
}
```


3)

CODE:

```java
package com.selenium.project1;
```

```java
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.chrome.ChromeOptions;
import org.testng.annotations.AfterTest;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class CA1_Q3 {
	WebDriver driver;
  @Test
  public void f() throws InterruptedException {

driver.findElement(By.xpath("//*[@id=\"ap_email\"]")).sendKeys("9486208587");
		driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();

driver.findElement(By.xpath("//*[@id=\"ap_password\"]")).sendKeys("Moumitha
22");
		driver.findElement(By.xpath("//*[@id=\"signInSubmit\"]")).click();
		Thread.sleep(2000);
		driver.findElement(By.xpath("//*[@id=\"nav-link-
accountList\"]")).click();
		WebElement acc =driver.findElement(By.xpath("//*[@id=\"a-
page\"]/div[2]/div/div[1]/h1"));
		String actual =acc.getText();
		String expected ="Your Account";
		if(actual.equals(expected)) {
			System.out.println("Your Account page is displayed");
		}

		driver.findElement(By.xpath("//*[@id=\"a-
page\"]/div[2]/div/div[2]/div[1]/a/div")).click();
		WebElement order = driver.findElement(By.xpath("//*[@id=\"a-
page\"]/section/div[1]/div[2]/div[1]/h1"));
		String act = order .getText();
		String exp ="Your Orders";
		if(act.equals(exp)) {
			System.out.println("Your Order page is displayed");
		}

  }

  @BeforeTest
  public void beforeTest() {
	  // Driver Setup
		  WebDriverManager.chromedriver().setup();
		  ChromeOptions co = new ChromeOptions();
		  co.addArguments("--remote-allow-origins=*");
		  driver = new ChromeDriver(co);

		  // Open URL

driver.get("https://www.amazon.in/ap/signin?openid.pape.max_auth_age=0&open
id.return_to=https%3A%2F%2Fwww.amazon.in%2F%3Fref_%3Dnav_ya_signin&openid.i
dentity=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Fidentifier_select&open
id.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&");
```
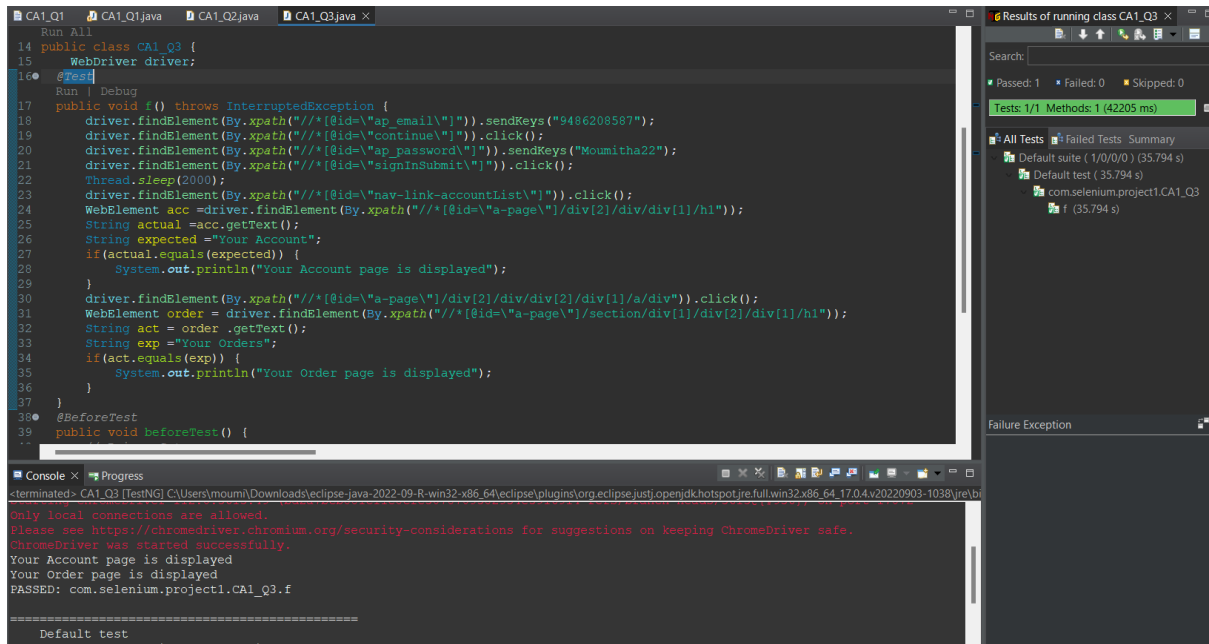
```
                driver.manage().window().maximize();
        }

    @AfterTest
    public void afterTest() {
            driver.quit();
        }
}
```


1)

CODE:

```java
package com.selenium.day4_project;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import io.github.bonigarcia.wdm.WebDriverManager;

public class cia1_q1 {
    public static void main( String[] args ) throws InterruptedException
    {
        ChromeOptions co = new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup();
        WebDriver driver = new ChromeDriver(co);
        driver.get("https://www.amazon.in/Lenovo-IdeaPad-Gaming-39-62cm-82K201V2IN/dp/B0B7RXC1Y1/ref=sr_1_1_sspa?crid=1ADD4UB25DN4A&keywords=laptops&qid=1683195740&sprefix=laptop%2Caps%2C684&sr=8-1-spons&sp_csd=d2lkZ2V0TmFtZT1zcF9hdGY&th=1");

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

```java
        String title = driver.getTitle();
        String etitle = "Lenovo IdeaPad Gaming 3 AMD Ryzen 7 5800H 15.6\"
(39.62cm) FHD IPS 120Hz Gaming Laptop (8GB/512GB SSD/Win 11/Office 2021/NVIDIA RTX
3050 4GB/Alexa/3 Month Game Pass/Shadow Black/2.2Kg), 82K201V2IN : Amazon.in:
Computers & Accessories";
        System.out.println(title);
        if(title.equals(etitle)) {
            System.out.println("Title is matching");
        }
        else {
            System.out.println("Title Mismatch");
        }
        driver.findElement(By.xpath("//*[@id=\"add-to-cart-button\"]")).click();
        Thread.sleep(5000);
        Boolean present = driver.findElement(By.xpath("//*[@id=\"attach-
close_sideSheet-link\"]")).isDisplayed();
        System.out.println("Is item added to cart:" + present);

driver.get("https://www.amazon.in/gp/cart/view.html/ref=dp_atch_dss_cart?");
        Thread.sleep(5000);
        driver.findElement(By.xpath("//*[@value=\"Delete\"]")).click();
        Thread.sleep(2000);
        String removeText = driver.findElement(By.xpath("//*[@id=\"sc-active-
cart\"]/div/div[1]/div/h1")).getText();
        String extext = "Your Amazon Cart is empty.";
        if(removeText.equals(extext)) {
            System.out.println("Product is removed");
        }
        driver.get("https://www.amazon.in/ASUS-15-6-inch-GeForce-Windows-
FA506IHRZ-HN111W/dp/B0B5DZTNZQ?ref_=Oct_DLandingS_D_6c1a28b8_61");
        driver.findElement(By.xpath("//*[@id=\"add-to-cart-button\"]")).click();
        Thread.sleep(2000);

driver.get("https://www.amazon.in/gp/cart/view.html/ref=dp_atch_dss_cart?");
        Thread.sleep(5000);
        driver.findElement(By.xpath("//*[@id=\"a-autoid-0-announce\"]")).click();
        driver.findElement(By.xpath("//*[@id=\"quantity_2\"]")).click();
        Thread.sleep(3000);
        driver.findElement(By.xpath("//*[@name=\"proceedToRetailCheckout\"]
")).click();
        Thread.sleep(1000);
        String sign = driver.getTitle();
        System.out.println(sign);
        String esign = "Amazon Sign In";
        if(sign.equals(esign)) {
            System.out.println("Success");
        }
        else {
            System.out.println("Failure");
        }


driver.findElement(By.id("ap_email")).sendKeys("moumitharghu22@gmail.com");
            driver.findElement(By.id("continue")).click();

            driver.findElement(By.id("ap_password")).sendKeys("Moumitha22#");
            driver.findElement(By.id("signInSubmit")).click();

            String ur = driver.getCurrentUrl();
```

```java
        System.out.println("Url of the payment page :"+ ur);


    }
}
```

OUTPUT: