

CIA-1 SOFTWARE TESTING USING SELENIUM

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DATE : 11/05/2022

ROLL NO : 727721EUIT033

Q.NO:1

1.

```
package com.Selenium.Test.selenium1;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import org.openqa.selenium.edge.EdgeDriver;

import org.openqa.selenium.interactions.Actions;

import org.openqa.selenium.support.ui.Select;

import dev.failsafe.internal.util.Assert;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Q1 {

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

    {

        WebDriverManager.chromedriver().setup();

        ChromeOptions co=new ChromeOptions();

        co.addArguments("--remote-allow-origins=*");

        WebDriver driver=new ChromeDriver(co);

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

```

driver.get("https://www.flipkart.com/mxsox-men-striped-ankle-
length/p/itm61c335970c94?pid=SOEGJQUATKFHDMTH&lid=LSTSOEGJQUATKFHDMTHWEOGK
R&marketplace=FLIPKART&q=socks+for+men&store=clo%2Fqd8%2Fezr%2Fut9&srno=s_1
_1&otracker=AS_QueryStore_OrganicAutoSuggest_1_4_na_na_na&otracker1=AS_Quer
yStore_OrganicAutoSuggest_1_4_na_na_na&fm=search-
autosuggest&iid=en_%2BH%2BV54WXTnzU9NDktxPL019%2BltQsXh2xzffZZMLAuMrvT8nzQL%
2Bb7cciYvnFpB6ohn4ZHTyso7k8G320ADY48HA%3D%3D&ppt=sp&ppn=sp&ssid=icvyexlv2o0
000001683797431813&qH=d24581762cd42d9d");

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

String t=driver.getTitle();

System.out.println(t);

String
cart=driver.findElement(By.xpath("//*[@id=\"NATC_SMART_WAGON_CONF_MSG_SUCCE
SS\"]/span")).getText();

if(cart.equals("Added to cart"));

System.out.println("Item is added to cart ");

driver.navigate().back();

WebElement sort1=driver.findElement(By.xpath("//*[@id=\"quantity\"]"));

sort1.click();

Select select=new Select(sort1);

select.selectByIndex(1);

String
drop=driver.findElement(By.xpath("//*[@id=\"quantity\"]")).getText();

if(drop.equals("2"));

System.out.println("3. Verified that Product is updated to cart ");

driver.findElement(By.xpath("//*[@id=\"container\"]/div/div[1]/div[1]/div[2
]/div[6]/div/div/a")).click();

        driver.findElement(By.className("_3dsJAO")).click();

        System.out.println("Item is Removed From The Cart");

    }

}

```

OUTPUT:

```
MXSOX Men Striped Ankle Length - Buy MXSOX Men Striped Ankle Length Online at Best Prices in India | Flipkart.com
Item is Added To cart
Item is Remoned from the cart
Item Updated
PASSED: CA_1.NewTest.f
```

```
=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

=====
Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
```

Shopping Cart | Flipkart.com

flipkart.com/viewcart?exploreMode=true&preference=FLIPKART

Chrome is being controlled by automated test software.




Flipkart
Explore More

Search for products, brands and more

Login

From Saved Addresses

Enter Delivery Pincode

 MXSOX Men Striped Ankle Length
Size: Free Pack of 4
Seller: RAVR India  Assured
₹1,199 **₹189** 84% Off 2 offers applied 
Enter pincode to see if the product is in stock
SAVE FOR LATER REMOVE

PRICE DETAILS

Price (1 item)	₹1,199
Discount	- ₹1,010
Delivery Charges	Free
Total Amount	₹189

You will save ₹1,010 on this order

Safe and Secure Payments. Easy returns. 100% Authentic products.

PLACE ORDER

Policies: Returns Policy | Terms of use | Security | Privacy | Infringement © 2007-2023 Flipkart.com

Need help? Visit the [Help Center](#) or [Contact Us](#)

Shopping Cart | Flipkart.com


flipkart.com/viewcart?exploreMode=true&preference=FLIPKART

Chrome is being controlled by automated test software.

Flipkart
Explore More

Search for products, brands and more

Login



Missing Cart items?
Login to see the items you added previously

Login

Policies: Returns Policy | Terms of use | Security | Privacy | Infringement © 2007-2023 Flipkart.com

Need help? Visit the [Help Center](#) or [Contact Us](#)

Successfully removed MXSOX Men Striped Ankle Length from your cart

Q.NO:2.

1.

```
package com.selenium.test1.Selenium;
```

```
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 search2 {
```

```
    public static void main(String[] args) {
```

```
        // Set the path to the chromedriver executable
```

```
        System.setProperty("webdriver.chrome.driver", "/path/to/chromedriver");
```

```
        WebDriverManager.chromedriver().setup();
```

```
        ChromeOptions co=new ChromeOptions();
```

```
        co.addArguments("--remote-allow-origins=*");
```

```
        WebDriver driver=new ChromeDriver(co);
```

```
        driver.get("https://www.flipkart.com/");
```

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

```
        System.out.println("Page Title: " + driver.getTitle());
```

```
        String name = driver.getTitle();
```

```
        System.out.println(name);
```

```
        String title = "Online Shopping site in India: Shop Online for Mobiles, Books,  
Watches, Shoes and More - Amazon.in";
```

```
        if(name.equals(title)) {
```

```
            System.out.println("Validated Page Title");
```

```
        }
```

```
        driver.findElement(By.id("twotabsearchtextbox")).sendKeys("bag");
```

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

```
String expectedSearchTitle = "Amazon.com : bag";
```

```
String actualSearchTitle = driver.getTitle();
```

```
if (actualSearchTitle.contains(expectedSearchTitle)) {
```

```
    System.out.println("Search is successfull");
```

```
} else {
```

```
    System.out.println("Search is failed!");
```

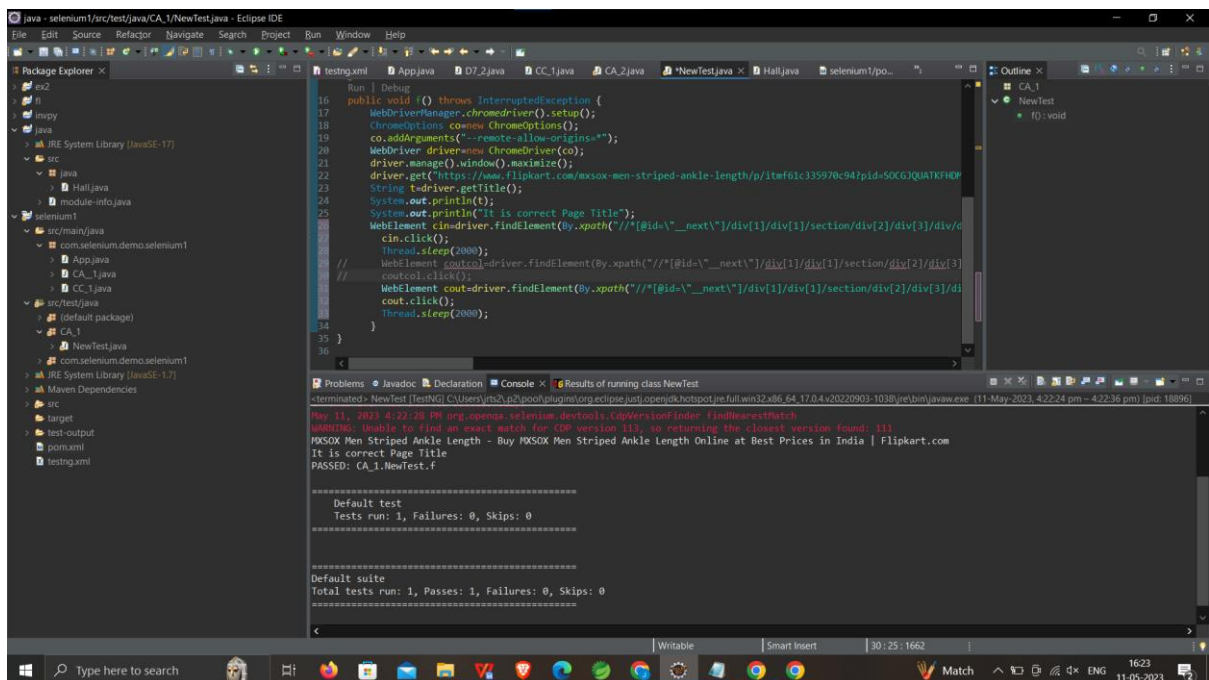
```
}
```

```
driver.quit();
```

```
}
```

```
}
```

OUTPUT:



The screenshot shows the Eclipse IDE interface with a Selenium test running. The Package Explorer on the left shows the project structure. The main editor displays the test code in NewTest.java. The Console window at the bottom shows the execution output, including the page title and test results.

```
May 11, 2023 4:22:28 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 111, so returning the closest version figured: 111
MXSOX Men Striped Ankle Length - Buy MXSOX Men Striped Ankle Length Online at Best Prices in India | Flipkart.com
It is correct Page Title
PASSED: CA_1.NewTest.f

=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====
```

2.

```
package com.Selenium.test1;
```

```
import java.util.List;
```

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

```
import org.openqa.selenium.JavascriptExecutor;
```

```
import org.openqa.selenium.WebDriver;
```

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

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

```
import org.openqa.selenium.chrome.ChromeOptions;
```

```
import io.github.bonigarcia.wdm.WebDriverManager;
```

```
public class QNo2 {
```

```
    public static void main(String args[]) {
```

```
        WebDriverManager.chromedriver().setup();
```

```
        ChromeOptions co=new ChromeOptions();
```

```
        co.addArguments("--remote-allow-origins=*");
```

```
        WebDriver driver=new ChromeDriver(co);
```

```
        driver.get("https://www.flipkart.in/deal/2c2d3a50/?_encoding=UTF8&showVariations=true&_ref=dlx_gate_sd_dcl_tlt_2c2d3a50_dt&pd_rd_w=YgMyt&content-id=amzn1.sym.a532052b-26f3-4811-a261-3b35ffa57237&pf_rd_p=a532052b-26f3-4811-a261-3b35ffa57237&pf_rd_r=SWJFXC5PAM03PF4G0AWT&pd_rd_wg=6zviy&pd_rd_r=1f436e7b-ab36-4c27-9e50-8f8c69db422a&ref_=pd_gw_unk");
```

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

```
        JavascriptExecutor js=(JavascriptExecutor) driver;
```

```
js.executeScript("window.scrollTo(0,1000)","");
```

```
String title = driver.getTitle();
```

```
System.out.println(title);
```

```
String title2="Budget Laptops under INR 45000; Mega Electronic Days";
```

```
//title2=driver.getTitle();
```

```
if(title2.equals(title)) {
```

```
    System.out.println("It is corret page title");
```

```
}
```

```
List<WebElement>li=driver.findElements(By.xpath("//*[@id=\"octopus-dlp-asin-stream\"]/ul/li[2]/span/div/div[2]/div[1]/a"));
```

```
for(WebElement link:li) {
```

```
    System.out.println(link.getText());
```

```
}
```

```
driver.navigate().back();
```

```
driver.navigate().forward();
```

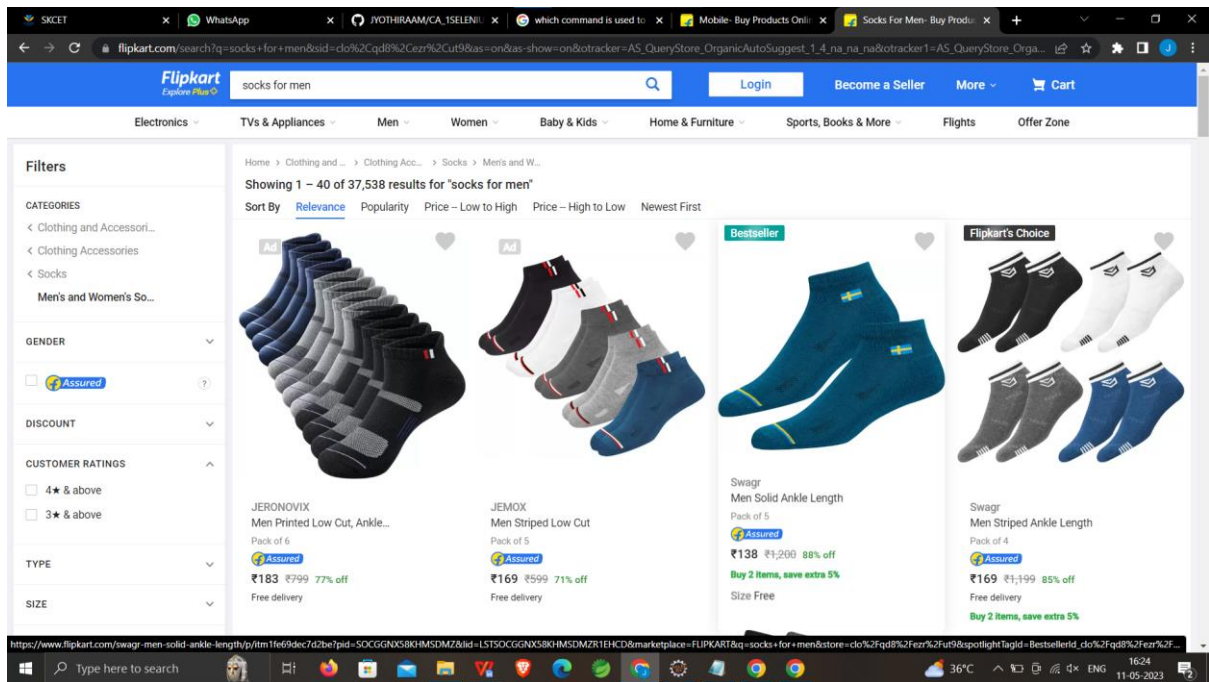
```
driver.navigate().refresh();
```

```
driver.quit();
```

```
}
```

```
}
```

OUTPUT:



Q.NO:3.

```
package com.Selenium.Test.selenium1;

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.openga.selenium.support.ui.Select;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Q3 {

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

    {

        WebDriverManager.chromedriver().setup();

        ChromeOptions co = new ChromeOptions();

        co.addArguments("--remote-allow-origins=*");

        WebDriver driver=new ChromeDriver(co);

        driver.get("https://www.flipkart.in/ref=nav_logo");

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

        String title=driver.getTitle();

        System.out.println(title);

        if(title.equals("Online Shopping site in India: Shop Online for Mobiles,
Books, Watches, Shoes and More - flipkart.in")) {

            System.out.println("Verified title of the page");

        }else {

            System.out.println("Title not matched");

        }

        driver.findElement(By.id("nav-link-accountList")).click();

        driver.findElement(By.id("ap_email")).sendKeys("727721euit061@gmail.com");

        driver.findElement(By.id("ap_email")).sendKeys(Keys.ENTER);

        driver.findElement(By.id("ap_password")).sendKeys("raam2003*");

        driver.findElement(By.id("ap_password")).sendKeys(Keys.ENTER);

        Thread.sleep(2000);

        String name=driver.findElement(By.id("nav-link-accountList-nav-line-
1")).getText();

        if(name.equals("Hello, Jyothiraaam")) {

            System.out.println("Successfully, signed in");

```

```

}else {

System.out.println("Sign in failed");

}

System.out.println("Testing Ended");

driver.quit();

}

}

```

OUTPUT:

