

## =====Assignment23=====

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**Test Case 1 - Automate first Menu link of amazon.in and print page title**

**Steps to Automate:**

- 1. Launch Chrome browser.**
- 2. Open this URL - [www.amazon.in](http://www.amazon.in)**
- 3. Maximize or set size of browser window.**
- 4. Get the page title and print it.**
- 5. Now, click on menu link say 'Amazon Pay' (or choose any other link from the menu list)**
- 6. Get the page title and print it.**
- 7. Navigate back to Home Page.**
- 8. Get the page title and print it. Verify that value matches with output of point no. 4**
- 9. Close the browser.**

**CODE=** `package` Bootcamp.Facebook\_001;

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

```
import org.openqa.selenium.Dimension;
```

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

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

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

```
public class Testcase1 {
```

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

```
        // TODO Auto-generated method stub
```

```
//1. Launch Chrome browser.

System.setProperty("webdriver.chrome.driver",
"D:\\chromedriver_win32\\chromedriver.exe");

WebDriver drive= new ChromeDriver();

//2. Open this URL - www.amazon.in

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

//3. Maximize or set size of browser window.

drive.manage().window().maximize();

//4. Get the page title and print it.

String t1=drive.getTitle();

System.out.println(t1);

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

//5. Now, click on menu link say 'Amazon Pay' (or choose any
other link from the menu list)

WebElement m =drive.findElement(By.xpath("//a[@data-csa-c-
content-id='nav_cs_apay']"));

m.click();

Thread.sleep(300);

//6. Get the page title and print it.

String t2=drive.getTitle();

System.out.println(t2);

//7. Navigate back to Home Page.
```

```
drive.navigate().back();

Thread.sleep(300);

//8. Get the page title and print it. Verify that value matches
with output of point no. 4

String t3=drive.getTitle();

System.out.println(t3);

if(t3.equalsIgnoreCase(t1))

    System.out.println("Title Matched");

else

    System.out.println("Title didn't match");

//9. Close the browser.

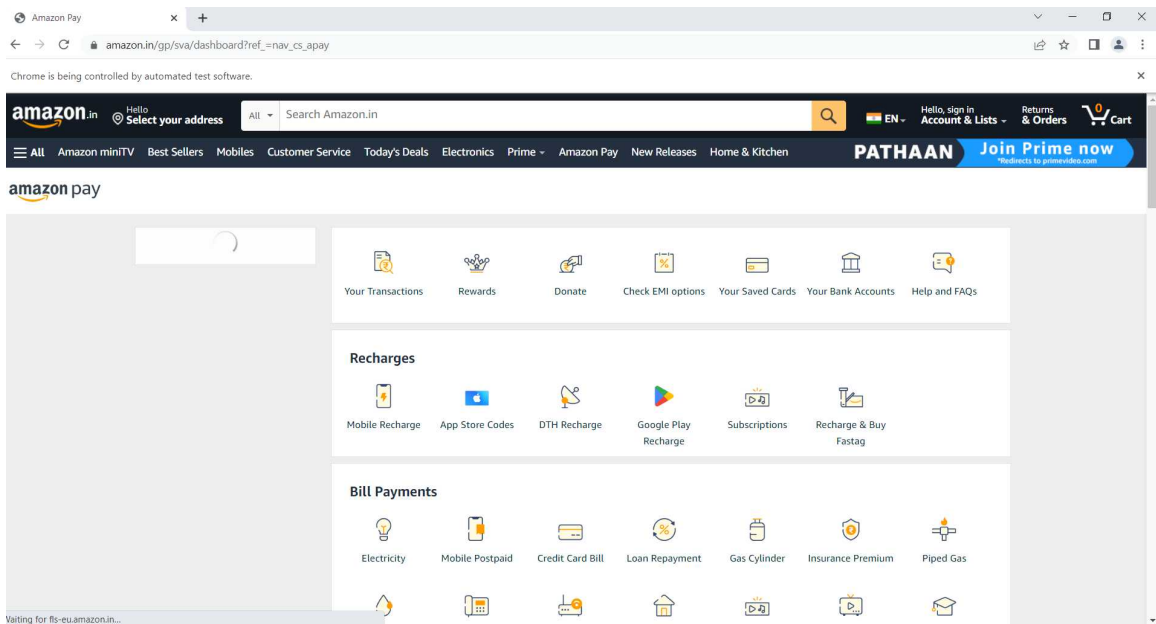
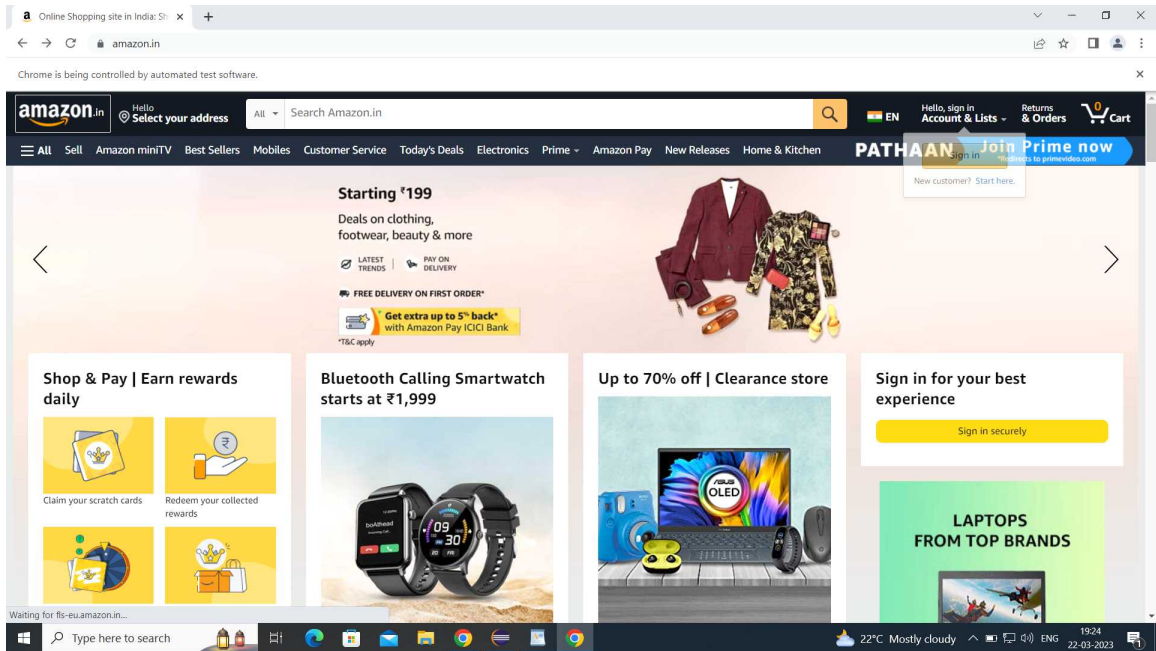
drive.close();

//drive.quit();

}

}
```

**OUTPUT SCREENSHOT:**



## Test Case 2 - Automate all the Menu links of amazon.in and Verify page titles

### Steps to Automate:

1. Launch Chrome browser.
2. Open this URL - [www.amazon.in](http://www.amazon.in)

3. Maximize or set size of browser window.
4. Get the page title and print it.
5. Click on menu link, say 'Amazon Pay'.
6. Get Page title and verify it with expected value.
7. Navigate back to Home Page.
8. Get Page title and verify it with expected value.
9. Repeat steps 5 to 8 for other menu links.
10. Close the browser.

**CODE:**

```
package Bootcamp.Facebook_001;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class Testcase2 {

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

        // TODO Auto-generated method stub

        //1. Launch Chrome browser.

        System.setProperty("webdriver.chrome.driver",
"D:\\chromedriver_win32\\chromedriver.exe");

        WebDriver drive= new ChromeDriver();

        //2. Open this URL - www.amazon.in

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

```

//3. Maximize or set size of browser window.

drive.manage().window().maximize();


//4. Get the page title and print it.

String t1=drive.getTitle();

System.out.println(t1);


//5. Now, click on menu link say 'Amazon Pay' (or
choose any other link from the menu list)

WebElement a =drive.findElement(By.xpath("//a[@data-
csa-c-content-id='nav_cs_apay']"));

a.click();

Thread.sleep(200);


//6. Get Page title and verify it with expected
value.

String t2=drive.getTitle();

System.out.println(t2);

if(t2.equalsIgnoreCase("Amazon Pay"))

    System.out.println("Title Matched");

else

    System.out.println("Title didn't match");


//7. Navigate back to Home Page.

drive.navigate().back();

Thread.sleep(200);


//8. Get Page title and verify it with expected

```

value.

```
String t3=drive.getTitle();

System.out.println(t3);

if(t3.equalsIgnoreCase("Online Shopping site in
India: Shop Online for Mobiles, Books, Watches, Shoes and More - Amazon.in"))

    System.out.println("Title Matched");

else

    System.out.println("Title didn't match");

//9. Repeat steps 5 to 8 for other menu links.

//Amazon mini tv
WebElement am =drive.findElement(By.LinkText("Amazon
miniTV"));

am.click();

drive.navigate().back();

Thread.sleep(200);

//Best Sellers
WebElement bs =drive.findElement(By.LinkText("Best
Sellers"));

bs.click();

drive.navigate().back();

Thread.sleep(200);

//Mobiles
WebElement m
=drive.findElement(By.LinkText("Mobiles"));

m.click();

drive.navigate().back();
```

```
Thread.sleep(200);

//Customer Service
WebElement cs
=drive.findElement(By.LinkText("Customer Service"));

cs.click();

drive.navigate().back();

Thread.sleep(200);

//Today's Deals
WebElement td
=drive.findElement(By.LinkText("Today's Deals"));

td.click();

drive.navigate().back();

Thread.sleep(200);

//Electronics
WebElement e
=drive.findElement(By.LinkText("Electronics"));

e.click();

drive.navigate().back();

Thread.sleep(200);

//Prime
WebElement p
=drive.findElement(By.LinkText("Prime"));

p.click();

drive.navigate().back();

Thread.sleep(200);
```



```

//New Releases
WebElement nr =drive.findElement(By.LinkText("New
Releases"));

nr.click();

drive.navigate().back();

Thread.sleep(200);

//Home & kitchen
WebElement hk =drive.findElement(By.LinkText("Home &
Kitchen"));

hk.click();

drive.navigate().back();

Thread.sleep(200);

//10. Close the browser.

drive.close();

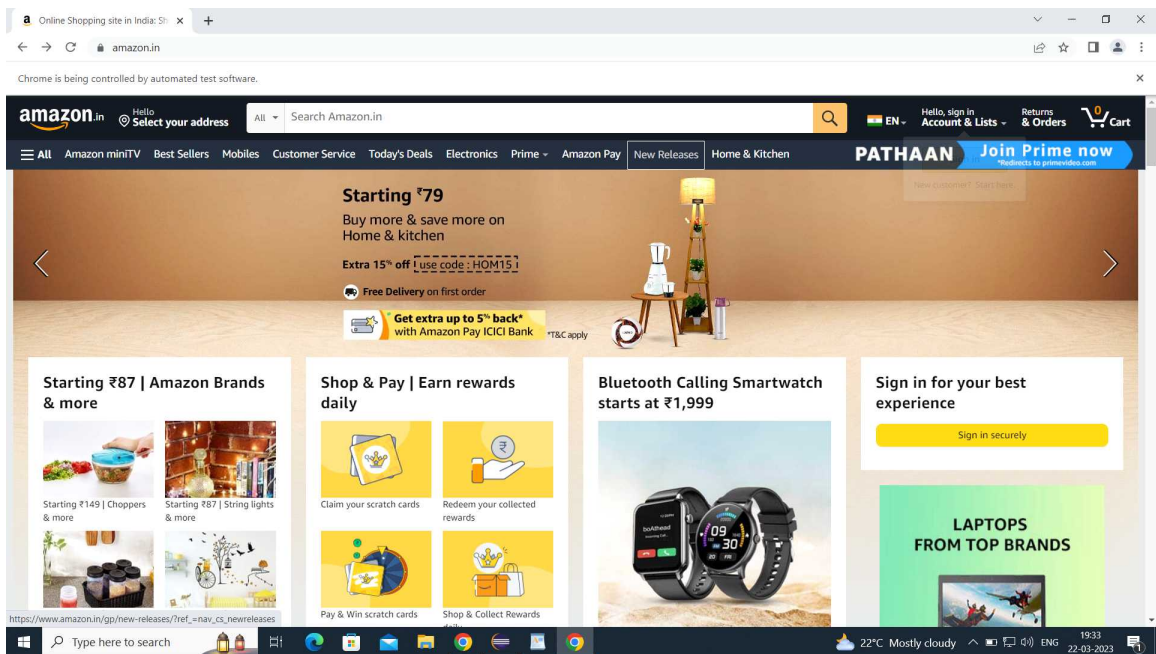
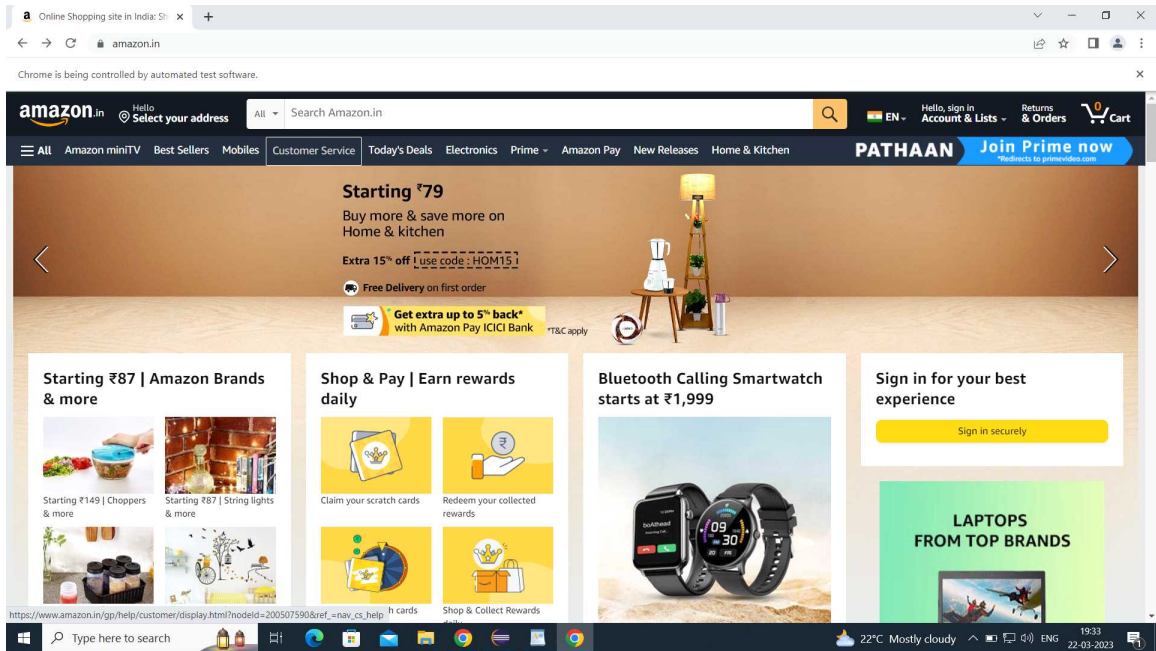
drive.quit();

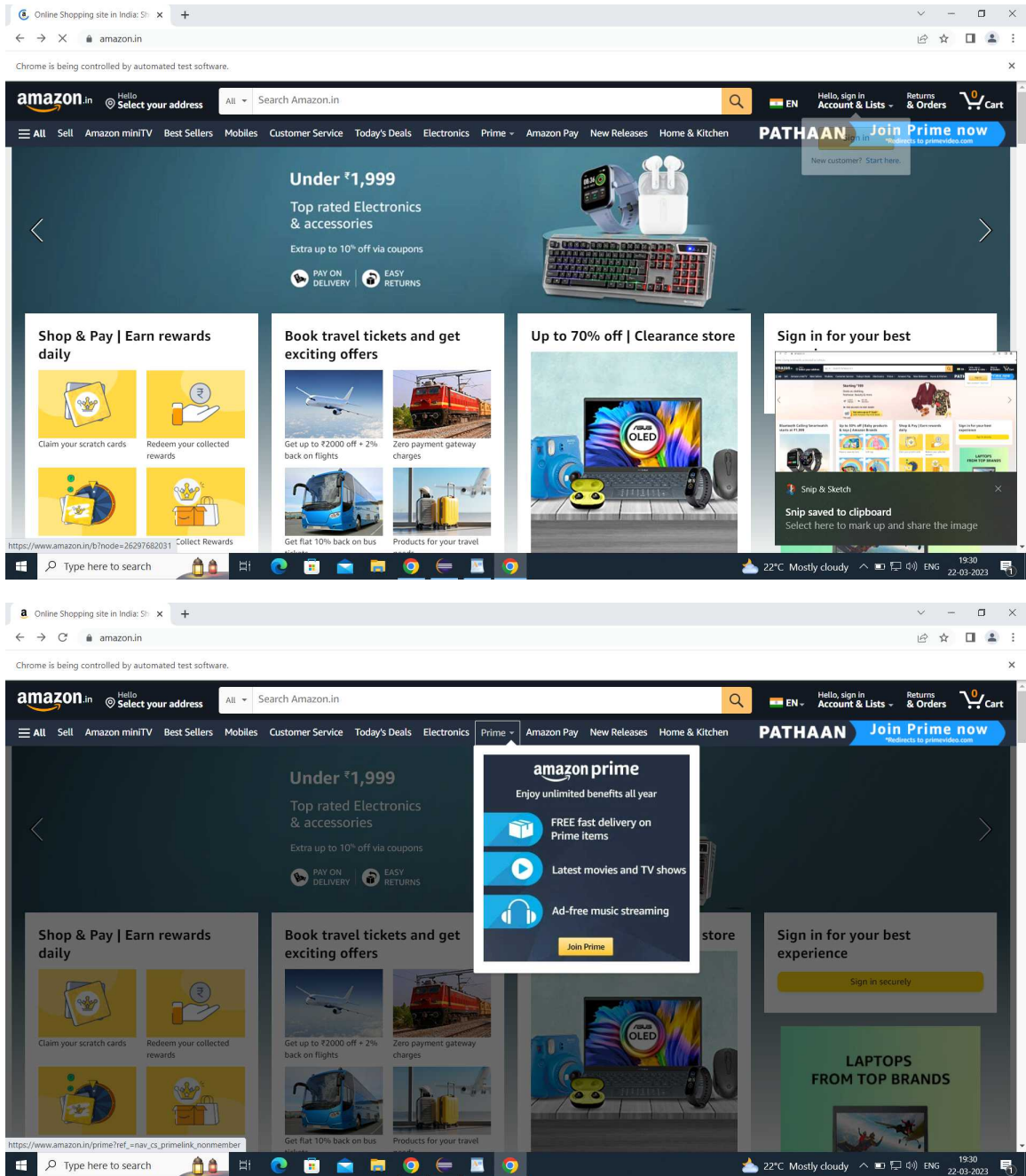
}

}

```

**OUTPUT SCREENSHOT:**





### Test Case 3 - Open all the Menu links of amazon.in in Separate tabs

#### Steps to Automate:

##### 1. Launch Chrome browser.

2. Open this URL - [www.amazon.in](http://www.amazon.in)

3. Maximize or set size of browser window.

4. Get the page title and print it.

5. Open all menu link, say 'Amazon Pay', 'Fashion', 'Best-Seller', 'Mobiles' etc. in separate tabs

6. Close the browser.

CODE=

```
package Bootcamp.Facebook_001;

import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class Testcase3 {

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

        // TODO Auto-generated method stub

        //1. Launch Chrome browser.

        System.setProperty("webdriver.chrome.driver",
"D:\\chromedriver_win32\\chromedriver.exe");

        WebDriver drive= new ChromeDriver();

        //2. Open this URL - www.amazon.in

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

        //3. Maximize or set size of browser window.

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

//4. Get the page title and print it.

```
String t1=drive.getTitle();
```

```
System.out.println(t1);
```

//5. Open all menu link, say 'Amazon Pay', 'Fashion', 'Best-Seller', 'Mobiles' etc. in seperate tabs

```
WebElement a =drive.findElement(By.xpath("//a[@data-csa-c-content-id='nav_cs_apay']"));
```

```
String k=Keys.chord(Keys.CONTROL,Keys.ENTER);
```

```
a.sendKeys(k);
```

```
Thread.sleep(500);
```

```
//drive.navigate().back();
```

//Amazon mini tv

```
WebElement am =drive.findElement(By.xpath("//a[@data-csa-c-content-id='nav_avod_desktop_topnav']"));
```

```
am.sendKeys(k);
```

```
Thread.sleep(500);
```

//Best Sellers

```
WebElement bs =drive.findElement(By.xpath("//a[@data-csa-c-content-id='nav_cs_best sellers']"));
```

```
bs.sendKeys(k);
```

```
Thread.sleep(500);
```

//Mobiles

```
WebElement m =drive.findElement(By.xpath("//a[@data-csa-c-content-id='nav_cs_mobiles']"));
```

```
m.sendKeys(k);

Thread.sleep(800);
```

```
//6. Close the browser.
```

```
drive.close();

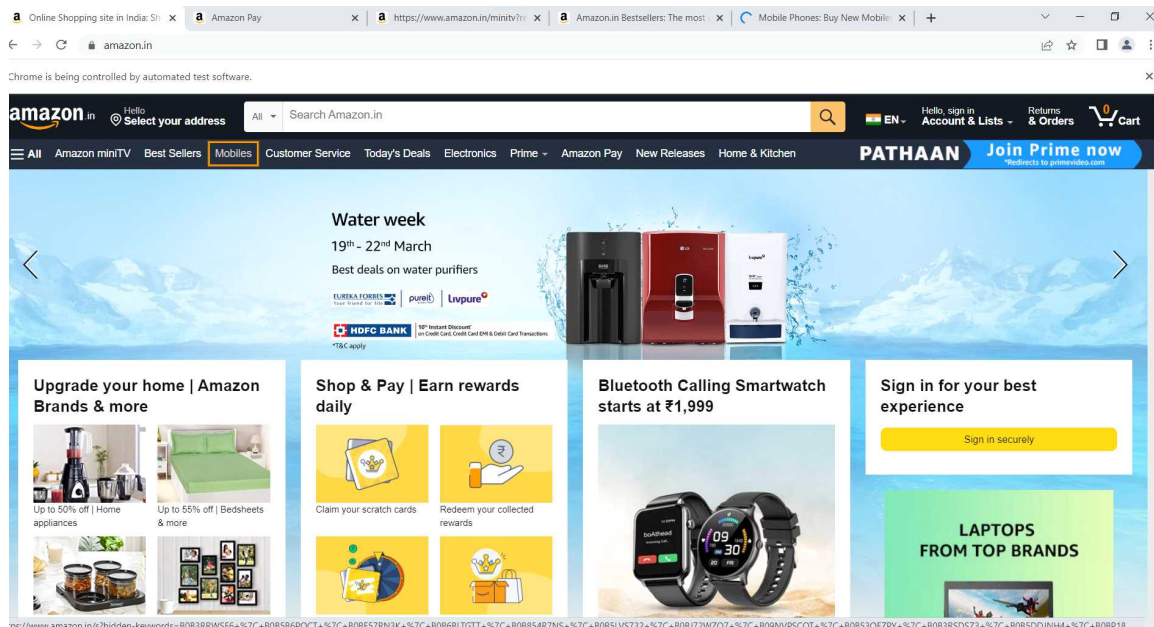
Thread.sleep(1000);

drive.quit();
```

```
}
```

```
}
```

## OUTPUT SCREENSHOT=



## Test Case 4 - Count all the Menu links of amazon.in available in Header & Footers

### Steps to Automate:

1. Launch Chrome browser.
2. Open this URL - [www.amazon.in](http://www.amazon.in)
3. Maximize or set size of browser window.
4. Get the page title and print it.
5. Count all menu link, say 'Amazon Pay', 'Fashion', 'Best-Seller', 'Mobiles' etc. available in header and footer section respectively.
6. Display the count of both on console.

6. Close the browser.

CODE=

```
package Bootcamp.Facebook_001;

import java.util.List;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class Testcase4 {

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

        // TODO Auto-generated method stub

        //1. Launch Chrome browser.

        System.setProperty("webdriver.chrome.driver",
"D:\\chromedriver_win32\\chromedriver.exe");
```

```

WebDriver drive= new ChromeDriver();

//2. Open this URL - www.amazon.in
drive.get("https://www.amazon.in/");

//3. Maximize or set size of browser window.
drive.manage().window().maximize();

//4. Get the page title and print it.
String t1=drive.getTitle();
System.out.println(t1);

//5. Count all menu link, say 'Amazon Pay', 'Fashion', 'Best-
Seller', 'Mobiles' etc. available in header and footer section respectively.

//6. Display the count of both on console.
WebElement header= drive.findElement(By.id("navbar-main"));
List<WebElement> links= header.findElements(By.tagName("a"));
int count=links.size();
System.out.println("The number of links in header section are:
"+count);

WebElement footer= drive.findElement(By.id("navFooter"));
List<WebElement> l= footer.findElements(By.tagName("a"));
int c=l.size();
System.out.println("The number of links in footer section are:
"+c);

Thread.sleep(200);

//7. Close the browser.

```



```

        drive.close();
    }

}

```

## OUTPUT SCREENSHOTS=-

