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```

package com.Utility;

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;
import org.openqa.selenium.chrome.ChromeOptions;
import org.openqa.selenium.edge.EdgeDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.interactions.Actions;

import io.github.bonigarcia.wdm.WebDriverManager;

public class BaseClass {
    public static WebDriver driver; // static declaration to use across
diff. programs.
    public static Actions act;

    // 1.EdgeDriver
    public static void launchEdge() {
        WebDriverManager.edgedriver().setup();
        driver = new EdgeDriver();
    }
    // 2.FireFoxDriver
    public static void launchFox() {
        WebDriverManager.firefoxdriver().setup();
        driver = new FirefoxDriver();
    }
    // 3.BraveBrowser
    public static void launchBrave() {
        ChromeOptions options = new ChromeOptions();
        options.setBinary("C:\\Program
Files\\BraveSoftware\\Brave-Browser\\Application\\brave.exe");
        WebDriverManager.chromedriver().setup();
        driver = new ChromeDriver(options);
    }
    // 4.get URL.
    public static void getUrl(String url) {
        driver.get(url);
    }
    // 5.Maximize
    public static void maximize() {
        driver.manage().window().maximize();
    }
    // 6.Send Keys - insert values.
    public static void insertVal(WebElement ele, String val) {
        ele.sendKeys(val);
    }
    // 7.Clicking...
    public static void tap(WebElement ele) {
        ele.click();
    }
}

```

```

// 8.Press Enter key.
public static void pressEnter(WebElement ele) {
    ele.sendKeys(Keys.ENTER);
}
// 9.XPath
public static WebElement findXpath(String tag) {
    return driver.findElement(By.xpath(tag));
}

// 10.Find Name
public static WebElement findName(String tag) {
    return driver.findElement(By.name(tag));
}
// 11.Find ID
public static WebElement findID(String tag) {
    return driver.findElement(By.id(tag));
}
// 12. DragDrop
public static Actions dragAnddrop(WebElement source, WebElement dest){
    Actions act = new Actions(driver);
    return act.dragAndDrop(source, dest);
}
// 13. Hovering
public static void hoverTo(WebElement ele) {
    Actions act = new Actions(driver);
    act.moveToElement(ele).perform();
}
}

```

## SELENIUM TASK - 5

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### QUESTIONS

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#### QUESTION 1

-----

URL : [http://demo.guru99.com/test/drag\\_drop.html](http://demo.guru99.com/test/drag_drop.html)

NOTE: Drag and drop bank in Account ,5000 in amount at debited side  
Drag and drop sales in Account ,5000 in amount at credited side

#### QUESTION 2

-----

URL: <http://www.amazon.in>

NOTE: Try Prime first mouseover  
Click Free fast delivery on prime items

#### QUESTION 3

-----

URL : <http://www.flipkart.com>

NOTE: Home & Furniture is first mouseover  
Click Bath Towels and print any product name

#### QUESTION 4

-----

URL : <https://www.shopclues.com/wholesale.html>

NOTE: Mobile and electronics is first mouseover  
Click Smart Phones range Rs5001 - Rs10000

#### QUESTION 5

-----

URL : <https://www.shopclues.com/wholesale.html>

NOTE: Sports&more is first mouseover  
Click weights grainers

#### QUESTION 6

-----

URL : <https://www.snapdeal.com/>

NOTE: Mobile & Accessories is first mouseover  
Click Printed Back covers.

#### QUESTION 7

-----

URL : <https://www.snapdeal.com/>

NOTE: Women's Fashion is first mouseover

Click footwear->click heals.

#### QUESTION 8

-----

URL : <https://www.amazon.in/>

NOTE: Signin is first mouseover  
Click Start Here  
Give details for Register

#### QUESTON 9

-----

URL : <https://www.amazon.in/>

NOTE: signin is a first mouseover  
Click Your SellerAccount

#### QUESTION 10

-----

URL : <https://www.flipkart.com/>

NOTE: Electronics is mouseover  
Gaming is Mouseover  
Click Game Pads Product name

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```
1 package com.Actions;
2
3 import org.openqa.selenium.WebElement;
4
5 import com.Utility.BaseClass;
6
7 public class DragDrop extends BaseClass {
8
9     public static void main(String[] args) {
10         LaunchEdge();
11         maximize();
12         getUrl("http://demo.guru99.com/test/drag_drop.html");
13         driver.navigate().refresh();
14         //Source
15         WebElement bank = findXPath("//a [text() = ' BANK ']");
16         WebElement amt1 = findXPath("//a [text() = ' 5000']");
17         WebElement amt2 = findXPath("//a [text() = ' 5000 ']");
18         WebElement sale = findXPath("//a [text() = ' SALES ']");
19         //Destination
20         WebElement debitAcc = findXPath("(//li [@class = \"placeholder\"])[1]");
21         WebElement debitAmt = findXPath("(//li [@class = \"placeholder\"])[2]");
22         WebElement creditAcc = findXPath("(//li [@class = \"placeholder\"])[3]");
23         WebElement creditAmt = findXPath("(//li [@class = \"placeholder\"])[4]");
24         //Debit Side.
25         dragAnddrop(bank, debitAcc).perform();
26         dragAnddrop(amt1, debitAmt).perform();
27         //Credit Side.
28         dragAnddrop(sale, creditAcc).perform();
29         dragAnddrop(amt2, creditAmt).perform();
30         //success.
31     }
```

Progress ×

Updating Software

Fetching org.eclipse.justj.epp\_17.0.0.v20230203-0825.jar from https://espejito.fder.edu.uy/eclipse/justj/epp/release/17.0.0.v20230203-0825/plugins/ (13.31kB)

Writable

Smart Insert

24 : 17 : 891

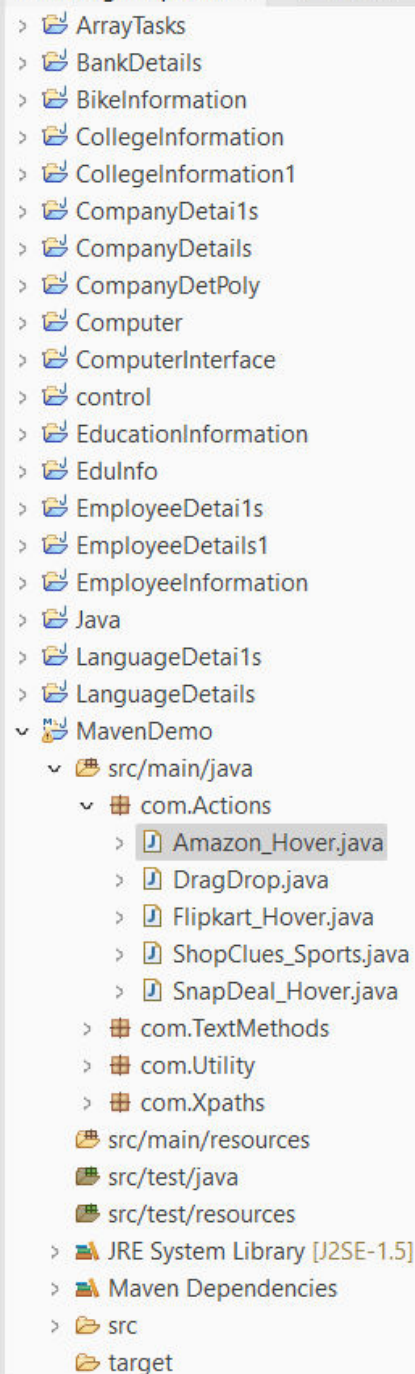
Updating Software: (38%)



Search

ENG  
IN15:06  
12-04-2023





```
1 package com.Actions;
2
3 import org.openqa.selenium.WebElement;
4
5 import com.Utility.BaseClass;
6
7 public class Amazon_Hover extends BaseClass{
8
9     public static void main(String[] args) throws InterruptedException {
10         LaunchEdge();
11         maximize();
12         getUrl("https://www.amazon.in/");
13
14         WebElement Prime = findID("nav-link-amazonprime");
15         hoverTo(Prime);
16
17         Thread.sleep(1000); //waiting for page to load.
18         WebElement pic = findID("multiasins-img-link");
19         pic.click();
20     }
21 //success.
22 }
23
```



Package Explorer

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```
1 package com.Actions;
2
3 import org.openqa.selenium.WebElement;
4
5
6
7 public class Flipkart_Hover extends BaseClass {
8
9     public static void main(String[] args) throws InterruptedException {
10         LaunchEdge();
11         maximize();
12         getUrl("http://www.flipkart.com");
13
14         //close pop-up asking to login.
15         WebElement popupCloseBtn = findXPath("/html/body/div[2]/div/div/button");
16         popupCloseBtn.click();
17         driver.navigate().refresh(); //refresh page.
18         Thread.sleep(1000);
19
20         WebElement home = findXPath("//div [text()='Home']");
21         hoverTo(home);
22         WebElement bath = findXPath("//a [text()='Bath linen']");
23         bath.click();
24         Thread.sleep(1000); //wait to load.
25         //opens link in new tab.
26         findXPath("//a [text()='MIDASTRA FASHION Microfiber 400 GSM Hair Towel']").click();
27
28         //success.
29     }
30
31 }
32
```

Progress ×

No operations to display at this time.

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23 : 22 : 659



Search

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IN15:07  
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```
1 package com.Actions;
2
3 import org.openqa.selenium.WebElement;
4
5
6
7 public class ShopClues_Sports extends BaseClass {
8
9     public static void main(String[] args) {
10         LaunchEdge();
11         maximize();
12         getUrl("https://www.shopclues.com/wholesale.html");
13
14         WebElement sports = findXPath("//a[text()='Sports & More']");
15         hoverTo(sports);
16         WebElement product = findXPath("//a[text()='Weight Gainers']");
17         product.click();
18     }
19 }
20 //success.
21 }
22
```

Progress ×

No operations to display at this time.

Writable

Smart Insert

12 : 60 : 280



Search

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12-04-2023

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```
1 package com.Actions;
2
3 import org.openqa.selenium.WebElement;
4
5
6
7 public class SnapDeal_Hover extends BaseClass {
8
9     public static void main(String[] args) {
10         launchBrave();
11         maximize();
12         getUrl("https://www.snapdeal.com/");
13
14         WebElement mobile = findXPath("//span [text()='Mobile & Accessories']");
15         hoverTo(mobile);
16         WebElement cover = findXPath("//span [text()='Printed Back Covers']");
17         cover.click();
18     }
19 //success.
20 }
21
```

Progress

No operations to display at this time.

Writable

Smart Insert

17 : 23 : 456



Search

ENG  
IN15:08  
12-04-2023