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SELENIUM TASK-3

=====

QUESTIONS:

QUESTION 1

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

NOTE: Enter iphone and click search icon.

QUESTION 2

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

NOTE: Enter email and password and click login(by using xpath locator).

QUESTION 3

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

NOTE: Click ^[opposite of this] and signin/signup
Enter Mobilenumber and click Generate OTP

QUESTION 4

URL : <https://www.cleartrip.com/trains>

NOTE: Enter From ,TO and click search trains

QUESTION 5

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

NOTE: Enter mail/phoneno and click request otp

QUESTION 6

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

NOTE: Type any product and click search

QUESTION 7

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

NOTE: Click signin and click new register and enter mobile number abd click continue.

QUESTION 8

URL : <https://www.myntra.com/register?referer=https://www.myntra.com/>

NOTE: Enter Mobile number and click continue

QUESTION 9

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

NOTE: Click sign up and Give details and register the form.

```

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 io.github.bonigarcia.wdm.WebDriverManager;

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

    // 1.EdgeDriver
    public static void launchEdge() {
        WebDriverManager.edgedriver().setup();
        driver = new EdgeDriver();
    }
    // 2.FireFoxDriver
    public static void launchFox() {
        WebDriverManager.firefoxdriver().create();
        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));
    }
}
```

Package Explorer

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```
1 package com.autotest;
2
3 import org.openqa.selenium.By;
4 import org.openqa.selenium.WebDriver;
5 import org.openqa.selenium.WebElement;
6 import org.openqa.selenium.firefox.FirefoxDriver;
7
8 public class AmazonSearch {
9
10     public static void main(String[] args) throws InterruptedException {
11
12         WebDriver driver = new FirefoxDriver();
13         driver.get("https://www.amazon.in/");
14         driver.manage().window().maximize();
15         Thread.sleep(2000);
16
17         WebElement searchbox = driver.findElement(By.id("twotabsearchtextbox"));
18         searchbox.sendKeys("Iphone");
19         //can also use Virtual Keyboard Enter.
20         WebElement find = driver.findElement(By.id("nav-search-submit-button"));
21         find.click(); //button
22
23     }
24
25 }
26
```



Package Explorer

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- > CollegeInformation
- > CollegeInformation1
- > CompanyDetail1s
- > CompanyDetails
- > CompanyDetPoly
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- > SelTutorials
- > SetMapTask
- > StringTasks
- > University_Information

```
AmazonSearch.java  FirstAutomation.java  *Fb_Search.java ×
1 package com.Xpath;
2
3 import org.openqa.selenium.By;
4 import org.openqa.selenium.WebDriver;
5 import org.openqa.selenium.WebElement;
6 import org.openqa.selenium.firefox.FirefoxDriver;
7
8 public class Fb_Search {
9
10     public static void main(String[] args) throws InterruptedException {
11         WebDriver driver = new FirefoxDriver();
12         driver.get("https://www.facebook.com/login/");
13         driver.manage().window().maximize();
14         Thread.sleep(3000);
15
16         WebElement name = driver.findElement(By.xpath("//input [@name = 'email']"));
17         WebElement passwr = driver.findElement(By.xpath("//input [@name = 'pass']"));
18         WebElement loginbtn = driver.findElement(By.xpath("//button [@name = 'login']"));
19
20         name.sendKeys("JohnWick"); passwr.sendKeys("Parabellum");
21         loginbtn.click();
22     }
23
24 }
25
```


Package Explorer

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- > SelTutorials
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- > StringTasks
- > University_Information

```
1 package com.Xpath;
2
3 import java.util.concurrent.TimeUnit;
4
5
6
7
8
9 public class RedBus_NewUser {
10
11     public static void main(String[] args) throws InterruptedException {
12         FirefoxDriver driver = new FirefoxDriver();
13         driver.get("https://www.redbus.in/");
14         driver.manage().window().maximize();
15         Thread.sleep(2000);
16
17         WebElement downarrow = driver.findElement(By.xpath("//div [@class = 'icon ich dib icon-down_WO_BAL icon-down']"));
18         WebElement signin = driver.findElement(By.xpath("//li [text() = 'Sign In/Sign Up']"));
19
20         downarrow.click();
21         signin.click();
22         driver.manage().timeouts().implicitlyWait(2000, TimeUnit.MILLISECONDS);
23         //Breaking Frame 1 - success
24         WebElement enterFrame = driver.findElement(By.xpath("//iframe [@class=\"modalIframe\"]"));
25         driver.switchTo().frame(enterFrame);
26         WebElement mobileno = driver.findElement(By.xpath("//*[@id=\"mobileNoInp\"]"));
27         driver.manage().timeouts().implicitlyWait(1000, TimeUnit.MILLISECONDS);
28         mobileno.sendKeys("9840454765");
29         driver.manage().timeouts().implicitlyWait(1000, TimeUnit.MILLISECONDS);
30         //Breaking Captcha Frame - success
31         WebElement captcha = driver.findElement(By.xpath("(//iframe [@title=\"reCAPTCHA\"])[1]"));
32         driver.switchTo().frame(captcha);
33         WebElement checkbox = driver.findElement(By.xpath("/html/body/div[2]/div[3]/div[1]/div/div/span/div[1]"));
34         checkbox.click();
35         //Generates an image to click so T-T
36         driver.findElement(By.xpath("//div [@id = 'otp-container']")).click(); //Generate OTP.
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Writable

Smart Insert

36 : 95 : 1641



Search

ENG
IN14:20
10-04-2023

1

Package Explorer

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 - target
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 - > Ruben
 - > Scanner-Project
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 - > SetMapTask
 - > StringTasks

```
1 package com.Xpaths;
2
3 import org.openqa.selenium.By;
4 import org.openqa.selenium.WebElement;
5
6 import com.Utility.BaseClass;
7
8 public class ClearTripLocations extends BaseClass {
9
10     public static void main(String[] args) {
11
12         launchEdge(); maximize();
13         getUrl("https://www.cleartrip.com/trains");
14
15         WebElement from = driver.findElement(By.xpath("//input [@name=\"from_station\"]"));
16         insertVal(from, "Anna Nagar");
17
18         WebElement to = driver.findElement(By.xpath("//input [@name=\"to_station\"]"));
19         insertVal(to, "Central");
20
21         WebElement btn = findXPath("//button [@id=\"trainFormButton\"]");
22         tap(btn);
23         //success.
24     }
25
26 }
27
```

Progress

No operations to display at this time.

Package Explorer

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```
1 package com.Xpaths;
2
3 import org.openqa.selenium.WebElement;
4
5 import com.Utility.BaseClass;
6
7 public class Flipkart_Search extends BaseClass {
8
9     public static void main(String[] args) throws InterruptedException {
10         launchEdge();
11         maximize();
12         getUrl("https://www.flipkart.com/");
13         Thread.sleep(2000);
14         WebElement mobno = findXPath("//input [@class=\"_2IX_2- VJZDxU\"]");
15         insertVal(mobno, "9898787825");
16         pressEnter(mobno);
17
18         //success.
19     }
20
21 }
22
```

Progress

No operations to display at this time.

Writable

Smart Insert

22 : 1 : 471



Search

ENG
IN20:40
10-04-2023

Package Explorer

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```
1 package com.Xpaths;
2
3 import org.openqa.selenium.WebElement;
4
5 import com.Utility.BaseClass;
6
7 public class Amazon_Search extends BaseClass {
8
9     public static void main(String[] args) throws InterruptedException {
10
11         LaunchBrave();
12         maximize();
13         getUrl("https://www.amazon.in/");
14
15         // Thread.sleep(1000);
16         WebElement search = findXPath("//input [@id=\"twotabsearchtextbox\"]");
17         insertVal(search, "Iphones");
18         pressEnter(search);
19     }
20     //success.
21 }
22
```

Progress

No operations to display at this time.

Writable

Smart Insert

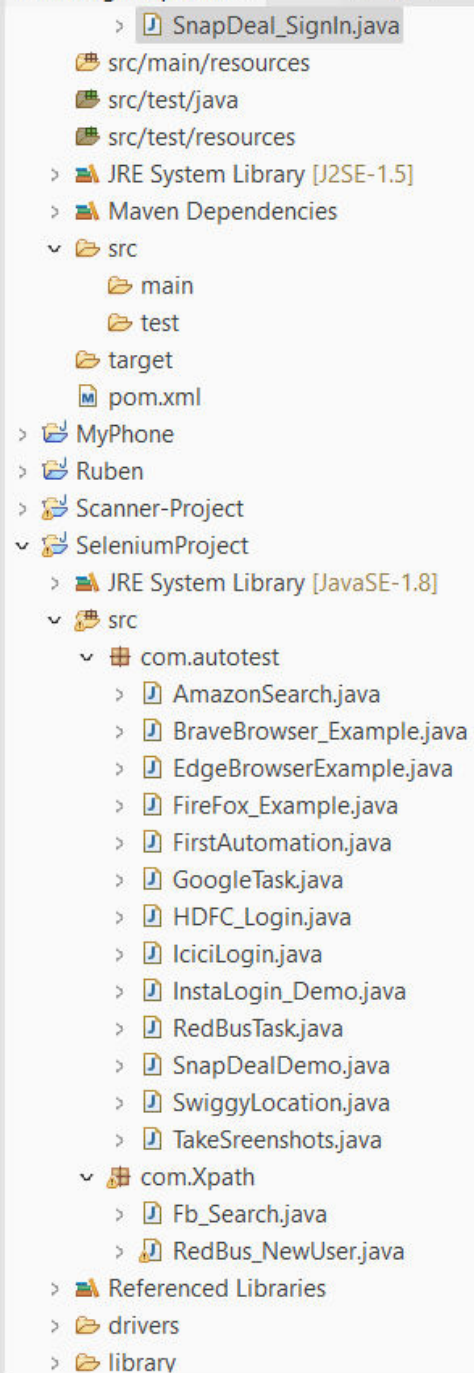
20 : 5 : 458



Search

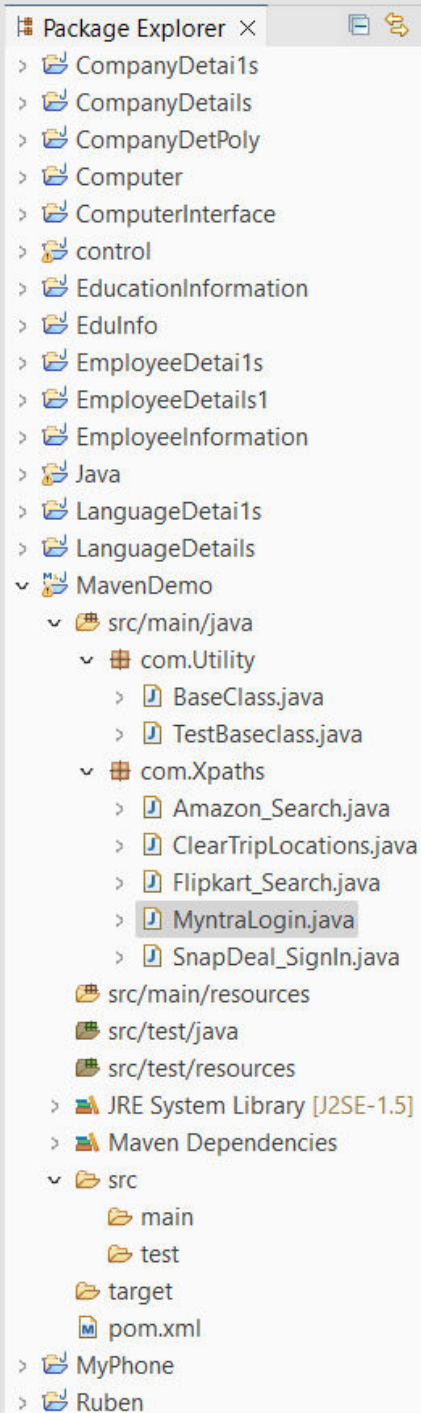
ENG
IN20:45
10-04-2023

1



```
1 package com.Xpaths;
2
3 import org.openqa.selenium.WebElement;
4
5 import com.Utility.BaseClass;
6
7 public class SnapDeal_SignIn extends BaseClass{
8
9     public static void main(String[] args) {
10
11         LaunchEdge();
12         maximize();
13         getUrl("https://www.snapdeal.com/");
14
15         WebElement signin = findXPath("//span [text()='Sign In']");
16         tap(signin);
17         WebElement register = findXPath("//span [@class=\"newUserRegister\"]");
18         tap(register);
19         WebElement frme = findXPath("//iframe [@id=\"loginIframe\"]");
20         driver.switchTo().frame(frme);
21         WebElement name = findXPath("//input [@name=\"username\"]");
22         insertVal(name, "7428730894");
23         pressEnter(name);
24     }
25 //success.
26 }
27
```

No operations to display at this time.



```
1 package com.Xpaths;
2
3 import org.openqa.selenium.WebElement;
4
5 import com.Utility.BaseClass;
6
7 public class MyntraLogin extends BaseClass {
8
9     public static void main(String[] args) {
10         launchEdge();
11         maximize();
12         getUrl("https://www.myntra.com/register?referer=https://www.myntra.com/");
13         WebElement no = findXPath("//input [@class=\"form-control mobileNumberInput\"]");
14         insertVal(no, "7428730894");
15         pressEnter(no);
16         //success.
17     }
18
19 }
20
```

Progress ×

No operations to display at this time.

Writable

Smart Insert

16:15:446



Search

ENG
IN21:13
10-04-2023

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```
1 package com.Xpaths;
2
3 import org.openqa.selenium.WebElement;
4
5 import com.Utility.BaseClass;
6
7 public class Swiggy_Register extends BaseClass {
8
9     public static void main(String[] args) {
10         launchEdge();
11         maximize();
12         getUrl("https://www.swiggy.com/");
13         WebElement signup = findXPath("//a [@class=\"r2iyh\"]");
14         tap(signup);
15         WebElement phno = findXPath("(//input [@class=\"_381fS\"])[1]");
16         insertVal(phno, "9094445150");
17         WebElement name = findXPath("(//input [@class=\"_381fS\"])[2]");
18         insertVal(name, "Balaji San");
19         WebElement email = findXPath("(//input [@class=\"_381fS\"])[3]");
20         insertVal(email, "balaji420office@gmail.com");
21         pressEnter(email);
22         //success - Mobile Number Already exists.
23     }
24
25 }
26
```

Progress

No operations to display at this time.

Writable

Smart Insert

21 : 27 : 682



Search

ENG
IN21:42
10-04-2023