Steps:

1) go to this url -[https://www.zoopla.co.uk/](https://www.youtube.com/redirect?redir_token=lzRzY5IfNIeoaMpaeiDa9wYsHbh8MTU1NTI2NTEyN0AxNTU1MTc4NzI3&v=s9KmYPiRYws&q=https%3A%2F%2Fwww.zoopla.co.uk%2F&event=video_description)

2) Input location London and click submit

3) You will get a list of properties on that page.

4) Print all the price values in sorted order (descending order) on the console

5) I need to select the 5th property on that list (its changing every minute, so it’s dynamic)

6) On the next page, there is a logo, name and telephone no of the agent. I need to click on the name link to get into the agent’s page.

7) Once on that page, I need to check that the the properties listed there belong to the same mentioned agent on the page.

Solution Expectations: - JAVA is mandatory

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“Selenium Coding Assignment (Till this Sunday) – By Ranjeet Shah ”

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Share your GIT Repo or ZIP file.

Solution of the Zoopla Assignment :-

**package** com.my.assignment.lab;

**import** java.util.ArrayList;

**import** java.util.Collections;

**import** java.util.Date;

**import** java.util.Iterator;

**import** java.util.List;

**import** java.util.concurrent.TimeUnit;

**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.support.ui.ExpectedConditions;

**import** org.openqa.selenium.support.ui.WebDriverWait;

**public** **class** ZooplaAssignment {

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

//Launch The Browser

WebDriver Driver =**new** ChromeDriver();

//Implicitly wait

Driver.manage().timeouts().implicitlyWait(10, TimeUnit.***SECONDS***);

//Navigate the Link

Driver.get("https://www.zoopla.co.uk/");

//Search box in "London"

WebElement SearchBox=Driver.findElement(By.*xpath*("//input[@name='q']"));

SearchBox.sendKeys("London");

//Click the Search button

WebElement SearchBtn=Driver.findElement(By.*xpath*("//button[text()='Search']"));

SearchBtn.click();

//X-path of All the Price value

String Xpath="//div[@id='content']/ul/li/div/div[2]/a[@class='listing-results-price text-price']";

//Explicitly wait for specific Element

WebDriverWait wait=**new** WebDriverWait(Driver, 15);

wait.until(ExpectedConditions.*presenceOfElementLocated*(By.*xpath*(Xpath)));

List<WebElement> AllPrice=Driver.findElements(By.*xpath*(Xpath));

System.***out***.println("Total Size of the price property====>"+AllPrice.size());

List<Object> ActualList=**new** ArrayList<Object>();

**for**(WebElement ele:AllPrice)

{

String data=ele.getText();

ActualList.add(data);

}

List<Object> temp=**new** ArrayList<Object>();

temp.addAll(ActualList);

Collections.*sort*(temp, Collections.*reverseOrder*());

Iterator<Object> itr=temp.iterator();

**while**(itr.hasNext())

{

System.***out***.println(itr.next());

}

String Xpath1="(//div[@id='content']/ul/li/div/div[2]/a[@class='listing-results-price text-price'])[5]";

WebDriverWait wait1=**new** WebDriverWait(Driver, 15);

wait1.until(ExpectedConditions.*presenceOfElementLocated*(By.*xpath*(Xpath1)));

Driver.findElement(By.*xpath*(“https://github.com/Ranjeetk794/AssignmentFile.git”)).click();

WebElement AgentName=Driver.findElement(By.*xpath*("(//div[@class='ui-agent\_\_text']/h4)[1]"));

String ExpectedResult=AgentName.getText();

System.***out***.println("ExpectedText Result Text Name======>"+ExpectedResult);

AgentName.click();

WebElement ActResult=Driver.findElement(By.*xpath*("//div[@class='main-content-area wrap clearfix']/div[2]/div/div/h1"));

String ActualResult=ActResult.getText();

System.***out***.println("ExpectedText Result Text Name======>"+ActualResult);

**if**(ActualResult.contains(ExpectedResult))

{

System.***out***.println("Expected Result Matched=====>Pass");

}

**else**

{

System.***out***.println("Expected Result Didn't Matched====>Fail");

}

Date date=**new** Date();

System.***out***.println("Execution Date of the Zoopla===>"+date);

}

}

Output of the Program:--

Starting ChromeDriver 73.0.3683.68 (47787ec04b6e38e22703e856e101e840b65afe72) on port 2104

Only local connections are allowed.

Please protect ports used by ChromeDriver and related test frameworks to prevent access by malicious code.

Apr 25, 2019 10:10:58 PM org.openqa.selenium.remote.ProtocolHandshake createSession

INFO: Detected dialect: OSS

Total Size of the price property====>25

£850,000 Guide price

£709,950 Guide price

£625,000

£600,000

£6,200,000

£550,000 Guide price

£550,000 Fixed price

£550,000

£520,000 Guide price

£500,000 Guide price

£475,000

£475,000

£435,000

£400,000

£395,000

£370,000

£363,500 Guide price

£325,000 Offers over

£325,000 Guide price

£3,000,000

£299,995 Guide price

£255,000

£250,000 Guide price

£2,750,000

£1,150,000

ExpectedText Result Text Name======>Homewise Ltd

ActualResult Result Text Name======>Homewise Ltd, BN11

Expected Result Matched=====>Pass

Execution Date of the Zoopla===>Thu Apr 25 22:11:30 IST 2019