**package** com.maveric.SeleniumConcept;

**import** org.openqa.selenium.WebDriver;

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

**public** **class** SeleniumTest {

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

// **TODO** Auto-generated method stub

//ChromeDriver

//if webdriver is used it will support in all browser. below is to open the browser alone

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

//to open the below URL

driver.get("https://connect.maveric-systems.com/index.php/site/login");

//below is to get the title of the URL once it's loaded

String title= driver.getTitle();

//to print the title

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

// to get URL

String URL= driver.getCurrentUrl();

System.***out***.println(URL);

//to get pagesource

//.contains used to check the given string available in the page source.

String Pagesource=driver.getPageSource();

**if**(Pagesource.contains("Please fill out the following form with your login credentials"))

System.***out***.println("Test Pass");

**else**

System.***out***.println("Test Fail");

}

}

For Firefox

**package** com.maveric.SeleniumConcept;

**import** org.openqa.selenium.WebDriver;

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

**import** org.openqa.selenium.firefox.FirefoxDriver;

**public** **class** SeleniumTest {

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

// **TODO** Auto-generated method stub

//ChromeDriver

//if webdriver is used it will support in all browser. below is to open the browser alone

WebDriver driver= **new** FirefoxDriver();

//to open the below URL

driver.get("https://connect.maveric-systems.com/index.php/site/login");

//below is to get the title of the URL once it's loaded

String title= driver.getTitle();

//to print the title

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

// to get URL

String URL= driver.getCurrentUrl();

System.***out***.println(URL);

//to get pagesource

//.contains used to check the given string available in the page source.

String Pagesource=driver.getPageSource();

**if**(Pagesource.contains("Please fill out the following form with your login credentials"))

System.***out***.println("Test Pass");

**else**

System.***out***.println("Test Fail");

}

}

Internet Explorer

**package** com.maveric.SeleniumConcept;

**import** org.openqa.selenium.WebDriver;

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

**import** org.openqa.selenium.firefox.FirefoxDriver;

**import** org.openqa.selenium.ie.InternetExplorerDriver;

**public** **class** SeleniumTest {

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

// **TODO** Auto-generated method stub

//ChromeDriver

//if webdriver is used it will support in all browser. below is to open the browser alone

WebDriver driver= **new** InternetExplorerDriver();

//to open the below URL

driver.get("https://Google.co.in");

//below is to get the title of the URL once it's loaded

String title= driver.getTitle();

//to print the title

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

// to get URL

String URL= driver.getCurrentUrl();

System.***out***.println(URL);

//to get pagesource

//.contains used to check the given string available in the page source.

String Pagesource=driver.getPageSource();

**if**(Pagesource.contains("Please fill out the following form with your login credentials"))

System.***out***.println("Test Pass");

**else**

System.***out***.println("Test Fail");

}

}

Xpath Syntax

1. xpath syntax //tagname[@attribute=' '] //input[@placeholder='Password:']
2. 2. xapth syntax //tagname[text()=' ']

Frame:

Frame, iframe

//driver.switchTo().frame(2);- used with position

//driver.switchTo().frame("msg")- used with element name

//WebElement frameEle= driver.findElement(By.*xpath*("//iframe[@name='msg']"));

driver.switchTo().frame(frameEle);

used with iframe when there is no name, id or any unique thing is there and xpath also not supporting.

**package** com.maveric.SeleniumConcept;

**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.ExpectedCondition;

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

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

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

**public** **class** seleniumDemo {

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

// **TODO** Auto-generated method stub

//to open and loan the below url

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

driver.get("http://demo.openemr.io/d/openemr/interface/login/login.php?site=default");

//to find element from the HTML and send values

WebElement userEle= driver.findElement(By.*id*("authUser"));

userEle.sendKeys("admin");

//1. xpath syntax //tagname[@attribute=' '] //input[@placeholder='Password:']

//use xpath to find element and send values

WebElement passEle = driver.findElement(By.*xpath*("//input[@placeholder='Password:']"));

passEle.sendKeys("pass");

WebElement langEle= driver.findElement(By.*name*("languageChoice"));

//to create object to call select class, should import "import org.openqa.selenium.support.ui.Select;"

Select select=**new** Select(langEle);

select.selectByVisibleText("English (Indian)");

WebElement logButton= driver.findElement(By.*xpath*("//button[@type='submit']"));

logButton.click();

//newpage provide explicit wait

WebDriverWait wait= **new** WebDriverWait(driver,50); //50 to 120 s- pooling time is 0.5 sec or 500ms

wait.until(ExpectedConditions.*presenceOfElementLocated*(By.*xpath*("//div[text()='About'] ")));

//2. xapth syntax //tagname[text()=' ']

//WebElement findAbout= driver.findElement(By.xpath("//div[text()='About']"));

String actualTitle=driver.getTitle();

System.***out***.println("Actual Title"+ actualTitle);

**if** (actualTitle.equals("OpenEMR"))

System.***out***.println("Test Passed");

**else**

System.***out***.println("Test Fail");

WebElement msgEle= driver.findElement(By.*xpath*("//div[text()='Messages'] "));

msgEle.click();

//driver.switchTo().frame(2);

//driver.switchTo().frame("msg");

WebElement frameEle= driver.findElement(By.*xpath*("//iframe[@name='msg']"));

driver.switchTo().frame(frameEle);

WebElement newRecall= driver.findElement(By.*xpath*("//Span[text()='New Recall']"));

newRecall.click();

driver.switchTo().defaultContent();

WebElement newRecallEle= driver.findElement(By.*xpath*("//iframe[@name='recall'] "));

driver.switchTo().frame(newRecallEle);

WebElement nameEle= driver.findElement((By.*xpath*("//input[@onclick='recall\_name\_click(this)']")));

nameEle.click();

driver.switchTo().defaultContent();

//WebElement namesearchFrame= driver.findElement(By.xpath("//iframe[@id='modalframe']"));

driver.switchTo().frame("modalframe");

WebElement searchnameEle= driver.findElement(By.*xpath*("//input[@name='searchparm']"));

searchnameEle.sendKeys("Test");

WebElement searchEle= driver.findElement((By.*id*("submitbtn")));

searchEle.click();

WebElement searchResult= driver.findElement(By.*xpath*("//td[@class='srName']"));

//driver.switchTo().frame(searchResult);

searchResult.click();

}

}