# # 4- SeleniumWebDriverJava-Switch to Windows, iframes & Alerts (Popups),

1. Write code for switch to alerts(popup).

driver.get("https://www.seleniumeasy.com/test/javascript-alert-box-demo.html");

WebElement promptBoxButton = driver.findElement(By.*xpath*("//button[@onclick='myPromptFunction()']"));

promptBoxButton.click();

**boolean** foundAlert;

WebDriverWait wait = **new** WebDriverWait(driver,2000);

**try**

{

wait.until(ExpectedConditions.*alertIsPresent*());

foundAlert= **true**;

}

**catch**(TimeoutException eTO)

{

foundAlert=**false**;

}

**if**(foundAlert)

{

Alert alert= driver.switchTo().alert();

String text= alert.getText();

System.***out***.println("Alert text is "+text);

alert.sendKeys("Farah");

alert.accept();

}

**else**

{

System.***out***.println("Alert doesn't present");

}

WebElement pressButton = driver.findElement(By.*xpath*("//button[@onclick='myConfirmFunction()']"));

pressButton.click();

String text\_1= driver.switchTo().alert().getText();

System.***out***.println("Alert text is "+text\_1);

driver.switchTo().alert().dismiss();

1. Write code for switch to windows.

driver.get("https://www.seleniumeasy.com/test/window-popup-modal-demo.html");

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

String parentwindow= driver.getWindowHandle();

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

WebElement button = driver.findElement(By.*xpath*("//a[@class='btn btn-primary followeasy']"));

button.click();

driver.manage().timeouts().implicitlyWait(60, TimeUnit.***SECONDS***);

Set<String> windows = driver.getWindowHandles();

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

**for**(String handle1 : driver.getWindowHandles())

{

System.***out***.println(handle1);

driver.switchTo().window(handle1);

}

driver.manage().window().maximize();

WebElement email = driver.findElement(By.*name*("session[username\_or\_email]"));

email.sendKeys("fg@gmail.com");

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

//current window/pop up window

driver.close();

//close parent window

driver.switchTo().window(parentwindow).close();

1. Write code for switch to iframes.

driver.get("http://demo.guru99.com/test/guru99home/");

driver.manage().window().maximize();

//driver.manage().timeouts().implicitlyWait(100, TimeUnit.SECONDS);

**int** size = driver.findElements(By.*tagName*("iframe")).size();

**for**(**int** i=0; i<=size; i++){

driver.switchTo().frame(i);

**int** total=driver.findElements(By.*xpath*("html/body/a/img")).size();

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

driver.switchTo().defaultContent();

}