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

String alertMessage= driver.switchTo().alert().getText();

alert.accept();

alert.dismiss();

System.out.println(alertMessage);  
  
**WindowHandle**  
  
//Get handles of the windows

String mainWindowHandle = driver.getWindowHandle();

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

Iterator<String> iterator = allWindowHandles.iterator();

// Here we will check if child window has other child windows and will fetch the heading of the child window

while (iterator.hasNext()) {

String ChildWindow = iterator.next();

if (!mainWindowHandle.equalsIgnoreCase(ChildWindow)) {

driver.switchTo().window(ChildWindow);

WebElement text = driver.findElement(By.id("sampleHeading"));

System.out.println("Heading of child window is " + text.getText());

}

}

**Javascriptexecutor**  
  
JavascriptExecutor js = (JavascriptExecutor) driver;

//calling the method

js.executeScript("document.querySelector('[name=uid').value='123'");

js.executeScript("document.querySelector('[name=btnLogin').click()");

**TakeScreenshot**  
  
TakesScreenshot scrShot =((TakesScreenshot)driver);

//Call getScreenshotAs method to create image file

File SrcFile=scrShot.getScreenshotAs(OutputType.FILE);

//Move image file to new destination

File DestFile=new File("C:\\Users\\joshi\\OneDrive\\Desktop\\data\\test.png");

//Copy file at destination

FileUtils.copyFile(SrcFile, DestFile);

**Scrolling**  
JavascriptExecutor js = (JavascriptExecutor) driver;

WebElement Element = driver.findElement(By.partialLinkText("Powered by Blogger"));

// Scrolling down the page till the element is found

js.executeScript("arguments[0].scrollIntoView();", Element);

js.executeScript("window.scrollBy(0,500)");

js.executeScript("window.scrollBy(0,document.body.scrollHeight)");

js.executeScript("window.scrollBy(0,-1050)");

**Logs**  
  
<dependency>

<groupId>log4j</groupId>

<artifactId>log4j</artifactId>

<version>1.2.17</version>

</dependency>  
  
**log4j.properties**  
#root logger

log4j.rootLogger = DEBUG, file

#appender

log4j.appender.file = org.apache.log4j.RollingFileAppender

log4j.appender.file.File = C:\\Users\\joshi\\eclipse-workspace\\Market\\test-output\\firstoutput.log

log4j.appender.file.MaxFileSize = 2MB

log4j.appender.file.MaxBackupIndex = 3

#layout

log4j.appender.file.layout = org.apache.log4j.PatternLayout

static Logger log = Logger.getLogger(Logs.class);

@Test

public void logging() {

PropertyConfigurator.configure("C:\\Users\\joshi\\eclipse-workspace\\Market\\src\\test\\resources\\log4j.properties");

String driverPath = "C:\\Users\\joshi\\eclipse-workspace\\Market\\src\\main\\resources\\Driver\\chromedriver.exe";

System.setProperty("webdriver.chrome.driver", driverPath);

WebDriver driver = new ChromeDriver();

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

driver.get("https://udaanwingstoyourcareer.blogspot.com/2024/03/java-tutorial-advance-for-loop-for-each.html");

log.info("browser opened 2nd time");

}