

Program : Read Excel file

```
package AdvSel;

import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.IOException;

import org.apache.poi.EncryptedDocumentException;
import org.apache.poi.ss.usermodel.Sheet;
import org.apache.poi.ss.usermodel.WorkbookFactory;

public class ReadExcel {

    public static void main(String[] args) throws Exception {
        FileInputStream file = new FileInputStream("/Users/Zenith/eclipse-workspace/JavaProgarm17Sep/TestData/RediffData.xlsx");
        Sheet excel = WorkbookFactory.create(file).getSheet("Sheet3");

        for(int row=0;row<4;row++)
        {
            for(int col=0;col<3;col++)
            {
                String v = excel.getRow(row).getCell(col).getStringCellValue();
                System.out.print(v + "\t\t");
            }
            System.out.println();
        }
    }
}
```

Program : Read Exceptional Excel File

```
package AdvSel;

import java.io.FileInputStream;
import java.io.FileNotFoundException;

import org.apache.poi.ss.usermodel.Sheet;
import org.apache.poi.ss.usermodel.WorkbookFactory;

public class ReadInconsistantExcel {

    public static void main(String[] args) throws Exception {
        FileInputStream file = new FileInputStream("/Users/Zenith/eclipse-workspace/JavaProgarm17Sep/TestData/RediffData.xlsx");
        Sheet excel = WorkbookFactory.create(file).getSheet("Sheet4");

        for(int row=0;row<=excel.getLastRowNum();row++) // lastRowNum = 5 (0 1 2 3 4)
```

```

{
for(int col=0;col<excel.getRow(row).getLastCellNum();col++) //5 4 3 2 1
{
String value = excel.getRow(row).getCell(col).getStringCellValue();
System.out.print(value + "\t");
}
System.out.println();
}
System.out.println("-----");
System.out.println(excel.getLastRowNum());
System.out.println(excel.getRow(0).getLastCellNum());

}

}

```

Program :- Capture Screenshot

```

package AdvSel;

import java.io.File;
import java.io.IOException;

import org.openqa.selenium.By;
import org.openqa.selenium.OutputType;
import org.openqa.selenium.TakesScreenshot;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.io.FileHandler;

public class Screenshot {

static WebDriver driver;

public static void captureCompletePageScreenshot() throws Exception
{
File source = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
File dest = new File("/Users/Zenith/eclipse-
workspace/JavaProgarm17Sep/ScreenShot/photo2.jpeg");
FileHandler.copy(source, dest);
}

public static void captureLogoScreenshot() throws Exception
{
WebElement amazonLogo = driver.findElement(By.xpath("//img[@alt='Electronics
under 1999']"));
File source = amazonLogo.getScreenshotAs(OutputType.FILE);
File dest = new File("/Users/Zenith/eclipse-
workspace/JavaProgarm17Sep/ScreenShot/amazonLogo1.jpeg");
}
}

```

```
FileHandler.copy(source, dest);
}

public static void main(String[] args) throws Exception {
    System.setProperty("webdriver.chrome.driver", "chromedriver");
    driver = new ChromeDriver();
    driver.manage().window().maximize();
    driver.get("https://www.amazon.in/");

    //          captureCompletePageScreenshot();
    captureLogoScreenshot();

    driver.close();
}
}
```