**Assignment -1(**Apache POI (Data Driven)**):**

➤ url : <http://demo.guru99.com/V4/>

➤ Get the data from excel sheet using Apache poi

➤ Enter the username

➤ Enter the password

➤ Click on Login button

➤ One prompt will open click on OK

**package** seleniumModule4;

**import** java.io.FileInputStream;

**import** java.io.FileNotFoundException;

**import** java.io.IOException;

**import** java.io.OutputStream;

**import** org.apache.poi.xssf.usermodel.XSSFRow;

**import** org.apache.poi.xssf.usermodel.XSSFSheet;

**import** org.apache.poi.xssf.usermodel.XSSFWorkbook;

**import** org.openqa.selenium.By;

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

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

**public** **class** DataDrivenAssignment {

**public** **static** **void** main(String[] args) **throws** IOException, InterruptedException {

System.*setProperty*("webdriver.chrome.driver","./drivers/chromedriver.ex e"); //set the property of driver executable path

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

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

driver.manage().deleteAllCookies();

driver.get("https://demo.guru99.com/V4/"); // to get the url

FileInputStream file = **new** FileInputStream("data/data1.xlsx"); //to read the data from excel sheet

XSSFWorkbook workbook = **new** XSSFWorkbook(file); //creating a workbook object

XSSFSheet sheet = workbook.getSheet("sheet1");//get first sheet from the workbook

// XSSFSheet sheet = workbook.getSheetAt(0); // providing sheet index

**int** noOfRows= sheet.getLastRowNum(); //get first row from the sheet

**for**(**int** row =1; row<=noOfRows; row++)

{

XSSFRow currentRow = sheet.getRow(row); //focus on current row

String username = currentRow.getCell(0).getStringCellValue(); //get the value from cell

String password = currentRow.getCell(1).getStringCellValue();

Thread.*sleep*(1000);

driver.findElement(By.*name*("uid")).sendKeys(username);

driver.findElement(By.*name*("password")).sendKeys(password);

driver.findElement(By.*name*("btnLogin")).click();

Thread.*sleep*(1000);

// driver.close();

}

}

}