**Program to print the status of login and logout in excel file**

**package** demo;

**import** org.testng.annotations.Test;

**import** org.testng.annotations.\*;

**import** java.io.File;

**import** java.io.FileInputStream;

**import** java.io.FileNotFoundException;

**import** java.io.FileOutputStream;

**import** java.io.IOException;

**import** java.util.Iterator;

**import** org.apache.poi.ss.usermodel.Cell;

**import** org.apache.poi.ss.usermodel.DataFormatter;

**import** org.apache.poi.ss.usermodel.Row;

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

**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.WebElement;

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

**import** org.testng.annotations.BeforeTest;

**import** org.testng.annotations.Test;

**public** **class** Testngexcel

{

WebDriver driver;

//System.out.println("Total Number of Columns in the excel is : "+col);

// System.out.println("Total Number of Rows in the excel is : "+row);

@Test

**public** **void** abc()**throws** IOException, InterruptedException

{

FileInputStream file = **new** FileInputStream(**new** File("D:\\Value.xlsx"));

//Create Workbook instance holding reference to .xlsx file

XSSFWorkbook workbook = **new** XSSFWorkbook(file);

//Get first/desired sheet from the workbook

XSSFSheet sheet = workbook.getSheetAt(0);

XSSFCell cell;

XSSFRow titleRow = sheet.getRow(0);

System.*setProperty*("webdriver.chrome.driver","D:\\chromedriver.exe");

driver=**new** ChromeDriver();

driver.get("https://accounts.google.com/signin/v2/identifier?continue=https%3A%2F%2Fmail.google.com%2Fmail%2F&service=mail&sacu=1&rip=1&flowName=GlifWebSignIn&flowEntry=ServiceLogin");

**int** col = titleRow.getLastCellNum();

//Get the Last ROW and Column number

**int** row = sheet.getLastRowNum();

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

{

// Import data for Email.

cell = sheet.getRow(i).getCell(0);

cell.~~setCellType~~(Cell.~~CELL\_TYPE\_STRING~~);

WebElement element =driver.findElement(By.*xpath*(".//\*[@id='identifierId']"));

element.sendKeys(cell.getStringCellValue());

driver.findElement(By.*xpath*(".//\*[@id='identifierNext']/content/span")).click();

Thread.*sleep*(5000);

// Import data for password.

cell = sheet.getRow(i).getCell(1);

cell.~~setCellType~~(Cell.~~CELL\_TYPE\_STRING~~);

WebElement element1= driver.findElement(By.*xpath*(".//\*[@id='password']/div[1]/div/div[1]/input"));

element1.sendKeys(cell.getStringCellValue());

driver.findElement(By.*xpath*(".//\*[@id='passwordNext']/content/span")).click();

Thread.*sleep*(10000);

**try**

{

WebElement web1 = driver.findElement(By.*xpath*("//.//\*[@id='password']/div[2]/div[2]"));

**boolean** a2 = web1.isDisplayed();

**if**(a2 = **true** ){

cell = sheet.getRow(i).getCell(2);

cell.setCellValue("fail");

file.close();

FileOutputStream fileout =**new** FileOutputStream(**new** File("D:\\Value.xlsx"));

workbook.write(fileout);

fileout.close();

driver.get("https://accounts.google.com/signin/v2/identifier?continue=https%3A%2F%2Fmail.google.com%2Fmail%2F&service=mail&sacu=1&rip=1&flowName=GlifWebSignIn&flowEntry=ServiceLogin");

System.***out***.println("test fail");

}

}

**catch**(Exception e){

driver.findElement(By.*xpath*(".//\*[@id='gb']/div[1]/div[1]/div[2]/div[4]/div[1]/a/span")).click();

driver.findElement(By.*xpath*(".//\*[@id='gb\_71']")).click();

driver.get("https://accounts.google.com/signin/v2/identifier?continue=https%3A%2F%2Fmail.google.com%2Fmail%2F&service=mail&sacu=1&rip=1&flowName=GlifWebSignIn&flowEntry=ServiceLogin");

cell = sheet.getRow(i).getCell(2);

cell.setCellValue("pass");

file.close();

FileOutputStream fileout =**new** FileOutputStream(**new** File("D:\\Value.xlsx"));

workbook.write(fileout);

fileout.close();

Thread.*sleep*(1000);

System.***out***.println("test pass");

}

}

}

@Test

**public** **void** bvc()

{

System.***out***.println("program end");

}

}