\*\*\*\*\*\*\*\*\*\*\*\*\***POI Programs**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

1)AsgnmntWriteData Program:-

package poi;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.FileOutputStream;

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

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

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

public class AsgnmntWriteData

{

public static void main(String[] args) throws Exception

{

FileInputStream file=new FileInputStream("C:\\Users\\MAXGEN-TESTING\\Desktop\\Automation\\POI\\MT\_12.xlsx");

XSSFWorkbook w=new XSSFWorkbook(file);

XSSFSheet s=w.createSheet("AsgnmntWriteData");

XSSFRow r1=s.createRow(0);

r1.createCell(0).setCellValue("Software");

r1.createCell(1).setCellValue("Testing");

r1.createCell(2).setCellValue("Course");

XSSFRow r3=s.createRow(2);

r3.createCell(0).setCellValue("Sr.No");

r3.createCell(1).setCellValue("Programming Languages");

XSSFRow r4=s.createRow(3);

r4.createCell(0).setCellValue("1");

r4.createCell(1).setCellValue("Java");

XSSFRow r5=s.createRow(4);

r5.createCell(0).setCellValue("2");

r5.createCell(1).setCellValue("Python");

XSSFRow r6=s.createRow(5);

r6.createCell(0).setCellValue("3");

r6.createCell(1).setCellValue("C++");

XSSFRow r7=s.createRow(6);

r7.createCell(0).setCellValue("4");

r7.createCell(1).setCellValue("Ruby");

XSSFRow r8=s.createRow(7);

r8.createCell(0).setCellValue("5");

r8.createCell(1).setCellValue("VBScript");

FileOutputStream out=new FileOutputStream("C:\\Users\\MAXGEN-TESTING\\Desktop\\Automation\\POI\\MT\_12.xlsx");

w.write(out);

}

}

**2) ReadData Program:-**

package poi;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.IOException;

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

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

public class ReadData

{

public static void main(String[] args) throws Exception

{

//Step 1:-Store Excel File Path

FileInputStream file=new FileInputStream ("C:\\Users\\MAXGEN-TESTING\\Desktop\\Automation\\POI\\MT\_12.xlsx");

//Step 2:-Create Object of XSSFWorkbook

XSSFWorkbook w=new XSSFWorkbook(file);

//Step 3:-Create Object of XSSFSheet

XSSFSheet s=w.getSheet("ReadData");

//Step 4:-Rows And Cells

String a=s.getRow(0).getCell(0).getStringCellValue();

String b=s.getRow(0).getCell(1).getStringCellValue();

int c=(int) s.getRow(0).getCell(2).getNumericCellValue();

//Step 5:-Display Data

System.out.println(a+"\t\t"+b+"\t\t"+c);

}

}

3) **ReadData2 Program:-**

package poi;

import java.io.FileInputStream;

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

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

public class ReadData2 {

public static void main(String[] args) throws Exception

{

//Step 1:-Store Excel File Path

FileInputStream file=new FileInputStream("C:\\Users\\MAXGEN-TESTING\\Desktop\\Automation\\POI\\MT\_12.xlsx");

//Step 2:-Create Object of XSSFWorkbook

XSSFWorkbook w=new XSSFWorkbook(file);

//Step 3:-Create Object of XSSFSheet

XSSFSheet s=w.getSheet("ReadData");

//Step 4:-Rows And Cells

String a=s.getRow(5).getCell(4).getStringCellValue();

String b=s.getRow(5).getCell(5).getStringCellValue();

//Step 5:-Display Data

System.out.println(a+"\t\t"+b);

}

}

4) **ReadMultipleData Program:-**

package poi;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

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

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

public class ReadMultipleData {

public static void main(String[] args) throws Exception {

FileInputStream file=new FileInputStream("C:\\Users\\MAXGEN-TESTING\\Desktop\\Automation\\POI\\MT\_12.xlsx");

XSSFWorkbook w=new XSSFWorkbook(file);

XSSFSheet s=w.getSheet("ReadMultipleData");

//Storing Last Row Number In One Variable

int rowSize=s.getLastRowNum();

System.out.println("No.of Rows: "+rowSize);

//For Loop

for(int i=0;i<=rowSize;i++)

{

String name=s.getRow(i). getCell(0). getStringCellValue();

String loc=s.getRow(i).getCell(1).getStringCellValue();

System.out.println(name+"\t\t"+loc);

}

}

}

**5)** **ReadMultipleData2 Program:-**

package poi;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.IOException;

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

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

public class ReadMultipleData2 {

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

// TODO Auto-generated method stub

FileInputStream file=new FileInputStream("C:\\Users\\MAXGEN-TESTING\\Desktop\\Automation\\POI\\MT\_12.xlsx");

XSSFWorkbook w=new XSSFWorkbook(file);

XSSFSheet s=w.getSheet("ReadMultipleData2");

//Storing last row number In One Variable

int rowSize=s.getLastRowNum();

System.out.println("No.of Rows: "+rowSize);

//Only for string Heading(means for name,loc,percen)

String name=s.getRow(0).getCell(0).getStringCellValue();

String loc=s.getRow(0).getCell(1).getStringCellValue();

String percen=s.getRow(0).getCell(2).getStringCellValue();

System.out.println(name+"\t"+loc+"\t"+percen);

//For Loop(Only for string & Numeric value)

for(int i=1;i<=rowSize;i++)

{

String one=s.getRow(i).getCell(0).getStringCellValue();

String two=s.getRow(i).getCell(1).getStringCellValue();

double three=(double)s.getRow(i) .getCell(2). getNumericCellValue();

//For Display Data

System.out.println(one+"\t"+two+"\t"+three);

}

}

**6) WriteData Program:-**

package poi;

import java.io.FileInputStream;

import java.io.FileOutputStream;

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

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

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

public class WriteData {

public static void main(String[] args) throws Exception

{

FileInputStream file=new FileInputStream("C:\\Users\\MAXGEN-TESTING\\Desktop\\Automation\\POI\\MT\_12.xlsx");

XSSFWorkbook w=new XSSFWorkbook(file);

XSSFSheet s=w.createSheet("WriteData");

//XSSFSheet s=w.getSheet("WriteData");

XSSFRow r1=s.createRow(0);

r1.createCell(0).setCellValue("SQuAD");

r1.createCell(1).setCellValue("Infotech");

r1.createCell(2).setCellValue("Andheri-East");

XSSFRow r2=s.createRow(2);

r2.createCell(0).setCellValue("Student Name");

r2.createCell(1).setCellValue("Bio ID");

r2.createCell(2).setCellValue("Location");

r2.createCell(3).setCellValue("Percentage");

/\* XSSFRow r3=s.createRow(3);

r3.createCell(0).setCellValue("Anna");

r3.createCell(1).setCellValue("101");

r3.createCell(2).setCellValue("India");

r3.createCell(3).setCellValue("95%");

XSSFRow r4=s.createRow(4);

r4.createCell(0).setCellValue("John");

r4.createCell(1).setCellValue("102");

r4.createCell(2).setCellValue("USA");

r4.createCell(3).setCellValue("93%"); \*/

FileOutputStream out=new FileOutputStream("C:\\Users\\MAXGEN-TESTING\\Desktop\\Automation\\POI\\MT\_12.xlsx");

w.write(out);

}

}