import java.io.File;

import java.io.FileInputStream; import java.io.IOException; import java.util.ArrayList; import java.util.List;

import java.util.Scanner; import javax.swing.JTable;

import javax.swing.table.TableModel; import org.apache.poi.ss.usermodel.Cell;

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

import org.apache.poi.xssf.usermodel.XSSFSheet; import org.apache.poi.xssf.usermodel.XSSFWorkbook; class ReadDataFromExcel {

}

class JTableDemo{

private JTable myTable; private String [][] tableData; private String [] tableColumns; private File fileName;

public JTableDemo(File fileName) { this.fileName = fileName;

myTable = new JTable(tableData,tableColumns);

}

public void readFile() throws IOException{ System.out.println(fileName.getAbsolutePath()); FileInputStream fis = new FileInputStream(fileName); XSSFWorkbook wb = new XSSFWorkbook(fis); XSSFSheet sheet = wb.getSheetAt(0);

FormulaEvaluator fe = wb.getCreationHelper().createFormulaEvaluator(); int firstRowNumber=sheet.getFirstRowNum();

int lastRowNumber = sheet.getLastRowNum();

tableColumns = new String[sheet.getRow(lastRowNumber).getLastCellNum()]; tableData = new String[firstRowNumber][sheet.getRow(lastRowNumber).getLastCellNum()];

//for (Row row : sheet) {

for(int i=firstRowNumber+1;i<lastRowNumber;i++) {

for (int j=sheet.getRow(firstRowNumber).getFirstCellNum() ; j< sheet.getRow(i).getLastCellNum();j++) {

switch (fe.evaluateInCell(sheet.getRow(i).getCell(j)).getCellType()) { case Cell.CELL\_TYPE\_NUMERIC:

System.out.print((sheet.getRow(i).getCell(j)).getNumericCellValue() + "\t\t");

tableData[i][j] = String.valueOf((sheet.getRow(i).getCell(j)).getNumericCellValue());

break;

case Cell.CELL\_TYPE\_STRING:

System.out.print((sheet.getRow(i).getCell(j)).getStringCellValue() + "\t\t");

tableData[i][j] = String.valueOf((sheet.getRow(i).getCell(j)).getStringCellValue());

break;

}

}

System.out.println();

}

}

}

public class Experiment16 {

public static void main(String[] args) {

Scanner scan = new Scanner(System.in); System.out.println("Read an Excel Sheet"); String fileName = scan.nextLine();

File myFile = new File(fileName); try {

new JTableDemo(myFile).readFile();

} catch (IOException e) {

// TODO Auto-generated catch block e.printStackTrace();

}

scan.close();

}

}