Class which will be called:

**package** ExcelTesting;

**import** java.io.FileInputStream;

**import** java.io.IOException;

**import** java.util.ArrayList;

**import** java.util.HashMap;

**import** java.util.Iterator;

**import** java.util.List;

**import** java.util.Map;

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

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

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

**import** org.apache.poi.ss.util.NumberToTextConverter;

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

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

**public** **class** ExcelTestingMapsnew {

**public** Map<String, Map<String, String>> readdata() **throws** IOException {

Map<String, Map<String, String>> mp = **new** HashMap<String, Map<String, String>>();

//Get access to the workbook

FileInputStream fis = **new** FileInputStream("./data/data.xlsx");

//FileInputStream fis = new FileInputStream(path);

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

//Get the sheet you want

XSSFSheet sheet = workbook.getSheet("testdata");

//XSSFSheet sheet = workbook.getSheet(sheetname);

//Get all the rows

Iterator<Row> rows = sheet.iterator();

List<String> fieldnames = **new** ArrayList<String>();

**while**(rows.hasNext()) {

String testcase = "";

List<String> ls = **new** ArrayList<String>();

Map<String, String> mpss = **new** HashMap<String, String>();

Row rowno = rows.next();

Iterator<Cell> cells = rowno.iterator();

**int** i = 0;

**if**(rowno.getRowNum() == 0)

{

**int** k = 0;

**while**(cells.hasNext()) {

Cell value = cells.next();

String cellvalue;

**if**(value.getCellTypeEnum()==CellType.***STRING***)

{

cellvalue = value.getStringCellValue(); }

**else**

{

cellvalue = NumberToTextConverter.*toText*(value.getNumericCellValue());

}

**if**(k>0) {

fieldnames.add(cellvalue);

//System.out.println(cellvalue);

}

k++;

}

}

**if**(rowno.getRowNum() > 0) {

**while**(cells.hasNext()) {

i++;

Cell value = cells.next();

String cellvalue;

**if**(value.getCellTypeEnum()==CellType.***STRING***)

{

cellvalue = value.getStringCellValue();

}

**else**

{

cellvalue = NumberToTextConverter.*toText*(value.getNumericCellValue());

}

**if**(i == 1) {

testcase = cellvalue;

}

**else** {

ls.add(cellvalue);

}

}

**for**(**int** j=0; j<fieldnames.size(); j++) {

mpss.put(fieldnames.get(j), ls.get(j));

}

mp.put(testcase, mpss);

}

}

workbook.close();

//System.out.println(mp);

**return**(mp);

}

}

Class that calls the above program:

**package** ExcelTesting;

**import** java.io.IOException;

**import** java.util.List;

**import** java.util.Map;

**import** java.util.Map.Entry;

**public** **class** ReadMapsnew {

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

ExcelTestingMapsnew erm = **new** ExcelTestingMapsnew();

Map<String, Map<String, String>> mp = erm.readdata();

//System.out.println(mp);

//int notestcases = mp.size();

//System.out.println(notestcases);

**for**(Entry<String, Map<String,String>> mp1: mp.entrySet()) {

String testcase = mp1.getKey();

System.***out***.println("Test Case: "+testcase);

//List<String> testdata = (List<String>) mp1.getValue();

Map<String, String> mp2 = mp1.getValue();

System.***out***.println("First Name: "+mp2.get("firstname"));

System.***out***.println("Last Name: "+mp2.get("lastname"));

System.***out***.println("Company : "+mp2.get("company"));

System.***out***.println("Age: "+mp2.get("age"));

System.***out***.println("Salary: "+mp2.get("salary"));

}

}

}