**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** ExcelReadingMaps {

**public** Map<String,List<String>> getData(String path, String sheetname) **throws** IOException {

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

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

String testcase = "";

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

Row rowno = rows.next();

//System.out.println(rowno.getRowNum());

//System.out.println(rowno.getPhysicalNumberOfCells());

//System.out.println(rowno.getLastCellNum());

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

**int** i = 0;

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

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

i++;

Cell value = cells.next();

String cellvalue;

//System.out.println("i value is "+i);

//System.out.println("Total cells are "+rowno.getPhysicalNumberOfCells());

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

{

cellvalue = value.getStringCellValue();

}

**else**

{

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

}

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

testcase = cellvalue;

}

**else** {

ls.add(cellvalue);

}

}

mp.put(testcase, ls);

}

}

workbook.close();

//System.out.println(mp);

**return**(mp);

}

}

Class that calls the above class:

**package** ExcelTesting;

**import** java.io.IOException;

**import** java.util.List;

**import** java.util.Map;

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

**public** **class** ReadMaps {

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

String path = "./data/data.xlsx";

String sheetname = "testdata";

ExcelReadingMaps erm = **new** ExcelReadingMaps();

Map<String, List<String>> mp = erm.getData(path, sheetname);

**int** notestcases = mp.size();

//System.out.println(notestcases);

**for**(**int** i=0; i<notestcases; i++) {

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

String testcase = mp1.getKey();

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

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

System.***out***.println("First Name: "+testdata.get(0));

System.***out***.println("Last Name: "+testdata.get(1));

System.***out***.println("Age: "+testdata.get(2));

System.***out***.println("Company: "+testdata.get(3));

System.***out***.println("Salary: "+testdata.get(4));

}

}

}

}