**package** ExcelTesting;

**import** java.io.File;

**import** java.io.FileOutputStream;

**import** java.io.IOException;

**import** java.util.ArrayList;

**import** java.util.HashMap;

**import** java.util.Map;

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

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

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

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

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

**public** **class** WriteDataToExcel {

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

//Create a blank workbook

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

//Create a blank sheet

XSSFSheet spreadsheet = workbook.createSheet("Results");

//Create row

XSSFRow row = spreadsheet.createRow(0);

Cell cell0 = row.createCell(0);

cell0.setCellValue("Test Case");

Cell cell1 = row.createCell(1);

cell1.setCellValue("First Test");

Cell cell2 = row.createCell(2);

cell2.setCellValue("Result");

Cell cell3 = row.createCell(3);

cell3.setCellValue("Second Test");

Cell cell4 = row.createCell(4);

cell4.setCellValue("Result");

//Create a map write data

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

ArrayList<String> list1 = **new** ArrayList<String>();

ArrayList<String> list2 = **new** ArrayList<String>();

ArrayList<String> list3 = **new** ArrayList<String>();

ArrayList<String> list4 = **new** ArrayList<String>();

list1.add("DB Test");

list1.add("Pass");

list1.add("UI Test");

list1.add("Pass");

testresults.put("1", list1);

list2.add("DB Test");

list2.add("Fail");

list2.add("UI Test");

list2.add("Pass");

testresults.put("2", list2);

list3.add("DB Test");

list3.add("Pass");

list3.add("UI Test");

list3.add("Fail");

testresults.put("3", list3);

list4.add("DB Test");

list4.add("Fail");

list4.add("UI Test");

list4.add("Fail");

testresults.put("4", list4);

System.***out***.println(testresults);

**for**(Entry<String, ArrayList<String>> mp1: testresults.entrySet()) {

row = spreadsheet.createRow(Integer.*parseInt*(mp1.getKey()));

Cell cellnew = row.createCell(0);

cellnew.setCellValue(mp1.getKey());

**for**(**int** i=1; i<=mp1.getValue().size(); i++) {

cellnew = row.createCell(i);

cellnew.setCellValue(mp1.getValue().get(i-1));

}

}

FileOutputStream out = **new** FileOutputStream(**new** File("./data/testresults.xlsx"));

workbook.write(out);

out.close();

workbook.close();

}

}