TASK 13

package excelworkbook;

import java.io.FileOutputStream;

import java.io.IOException;

import org.apache.poi.s1.usermodel.Sheet;

import org.apache.poi.s1.usermodel.Row;

import org.apache.poi.s1.usermodel.Workbook;

import org.apache.poi.s1.usermodel.XSSFWorkbook;

public class ExcelWorkbook {

public static void main(String[] args){

Workbook workbook = new XSSFWorkbook();

//create a new sheet with the name “sheet1”

Sheet sheet = (sheet) workbook.createsheet(“sheet1);

//create column headers

Row headerRow =(( org.apache.poi.s1.usermodel.Sheet) sheet1).createRow(0);

headerRow.createcell(0).setCellValue(“Name”);

headerRow.createcell(0).setCellValue(“Age”);

headerRow.createcell(0).setCellValue(“Email”);

//writing data to the sheet

String[] [] data={

{“John Doe”, 30 ,” [john@test.com](mailto:john@test.com)”},

{“Jane Doe”, 28 ,”[jane@test.com](mailto:jane@test.com)”},

{“Bob Smith”, 35, “[bob@example.com](mailto:bob@example.com)”},

{“Swapnil”, 37 , “[swapnil@example.com](mailto:swapnil@example.com)”}

};

for(int i=0; i<data.length; i++);

Row row = ((org.apache.poi.s1.usermodel.Sheet) sheet).createRow(i + 1);

for(int j = 0; j<data[i].length; j++) {

row.createCell(j).setCellValue(data[i][j]);

}

}

//saving the workbook to the file

try{

FileOutputStream fileOutputStream = new FileOutputStream(“C:\\users\\DEVA M\\Desktop\\ExcelTask13.xlsx”);

Workbook.write(fileOutputStream);

fileOutputStream.close();

System.out.println(“Excel file created successfully “);

}

Catch(IOException e){

e.printStackTrace();

}

}

}

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import java.io.IOException;

import org.apache.poi.s1.usermodel.Sheet;

import org.apache.poi.s1.usermodel.Row;

import org.apache.poi.s1.usermodel.Workbook;

import org.apache.poi.s1.usermodel.XSSFWorkbook;

import com.google.common.collect.Table.Cell;

public class ReadExcel {

public static void main(String[] args) {

try{

//open the Excel file

FileInputStream fileInputStream = new FileInputStream(“C:\\Users\\DEVA \\Desktop\\ExcelTask13.xlsx”);

Workbook workbook = new XSSFWorkbook(fileInputStream);

//Get the 1st sheet

org.apache.poi.ss.usermodel.Sheet sheet = workbook.getSheetAt(0);

//Iterate rows and cells to read and print the data

for(Row row : sheet){

for(org.apache.poi.ss.usermodel.Cell cell : row){

System.out.print(cell.toString() + “\t”);

}

System.out.println();

}

//closing the file input

fileInputStream.close();

}

catch (IOException e){

e.printStackTracea();

}

}

}