

Read data from excel sheet

```
package dataDrivenTesting;
import java.io.File;
import java.io.FileInputStream;
import java.io.IOException;
import org.apache.poi.ss.usermodel.CellType;
import org.apache.poi.xssf.usermodel.XSSFCell;
import org.apache.poi.xssf.usermodel.XSSFRow;
import org.apache.poi.xssf.usermodel.XSSFSheet;
import org.apache.poi.xssf.usermodel.XSSFWorkbook;
public class ReadDataExcel {
    public static void main(String[] args) throws
IOException {
        // TODO Auto-generated method stub

        // use Java and apache poi to read data from
        excel sheet and print on the console

        // 1. Set the path of excel sheet on your laptop

        String excelfilepath =
"C:\\Users\\sonal\\Desktop\\mytestdata\\testdata1.xlsx";

        // 2. Use java class to create an object that
        will store the above path

        File excelfile = new File(excelfilepath);

        // 3. Go to above location fetch the excel

        FileInputStream fis = new
FileInputStream(excelfile);

        // 4. Create an Object to read the excel ->
        Use Apache poi class
```

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        XSSFWorkbook workbook = new
XSSFWorkbook(fis);

        // 5. From the workbook, fetch the sheet

        XSSFSheet sheet =
workbook.getSheet("Sheet1");

        // 6. Count the number of rows with data in
the sheet

        int rows= sheet.getLastRowNum();

        System.out.println("Number of rows in the
sheet " + rows);

        // 7. Count number of columns with data

        // there is no method to count the number of
columns

        // we need to use logic: go to 1st row,
count the each cell with data => number of columns
with data

        int col = sheet.getRow(1).getLastCellNum();

        System.out.println("Number of columns in the
sheet " + col);

        // 8. Go to each row, each column and get
the cell data

        // write 2 for loop to go to every row ,
every cell and get data

        for (int r =0;r<rows;r++)

```

```

{
    XSSFRow row = sheet.getRow(r);

    // loop to go to each cell of the row

    for(int c=0; c<col;c++)
    {
        XSSFCell cell = row.getCell(c);

        CellType celltype = cell.getCellType();

        switch(celltype)
        {
            case STRING:

System.out.print(cell.getStringCellValue());
                break;
            case NUMERIC:

System.out.print(cell.getNumericCellValue());
                break;

        }

        System.out.println(" ");

    }

    System.out.println("");

}

workbook.close();

}
}

```

