

```
1 package read.excel;
2
3 import org.apache.poi.xssf.usermodel.XSSFWorkbook;
4 import org.apache.poi.xssf.usermodel.XSSFSheet;
5
6 import java.io.File;
7 import java.io.FileOutputStream;
8 import java.io.IOException;
9 import java.util.ArrayList;
10
11 import org.apache.poi.xssf.usermodel.XSSFCell;
12 import org.apache.poi.xssf.usermodel.XSSFRow;
13
14 public class ReadWriteExcelFile {
15
16     public static void main(String[] args) throws IOException {
17
18         // Step 1 - Create a blank workbook.
19
20         XSSFWorkbook wb = new XSSFWorkbook();
21
22         //Step 2 - Create a sheet and pass name of the sheet.
23
24         XSSFSheet sheet = wb.createSheet("Write_TestData");
25
26         ArrayList<Object[]> data = new ArrayList<Object[]>();
27         data.add(new String[] { "Name", "Id", "Salary" });
28         data.add(new Object[] { "Jim", "001A", 10000 });
29         data.add(new Object[] { "Jack", "1001B", 40000 });
30         data.add(new Object[] { "Tim", "2001C", 20000 });
31         data.add(new Object[] { "Gina", "1004S", 30000 });
32
33         // Step 3 - Create a Row. A spreadsheet consists of rows and cells. It has a grid
        layout.
34         int rownum = 0;
35         for (Object[] employeeDetails : data) {
36             XSSFRow row = sheet.createRow(rownum++);
37
38             //Step 4 - Create cells in a row.
39             //A row is a collection of cells.
40             //When you enter data in the sheet, it is always stored in the cell.
41             int cellnum = 0;
42             for (Object obj : employeeDetails) {
43
44                 XSSFCell cell = row.createCell(cellnum++);
45
46                 // Set value to cell
47                 if (obj instanceof String)
48                     cell.setCellValue((String) obj);
49                 else if (obj instanceof Double)
50                     cell.setCellValue((Double) obj);
51                 else if (obj instanceof Integer)
52                     cell.setCellValue((Integer) obj);
53             }
54 }
55
56         //Step 5 - Write data to an OutputStream.
57         try {
58
59             // Write the workbook in file system
60             FileOutputStream out = new FileOutputStream(new File("EmployeeDetails.xlsx"));
61             wb.write(out);
```

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62         out.close();
63         System.out.println("EmployeeDetails.xlsx has been created successfully");
64     } catch (Exception e) {
65         e.printStackTrace();
66     } finally {
67         wb.close();
68     }
69 }
70
71 }
```