APACHE POI – PRINT AREA

This chapter explains how to set the print area on a spreadsheet. The usual print area is from left top to right bottom on Excel spreadsheets. Print area can be customized according to your requirement. It means you can print a particular range of cells from the whole spreadsheet, customize the paper size, print the contents with the grid lines turned on, etc.

The following code is used to set up the print area on a spreadsheet.

```java
import java.io.File;
import java.io.FileOutputStream;
import org.apache.poi.xssf.usermodel.XSSFPrintSetup;
import org.apache.poi.xssf.usermodel.XSSFSheet;
import org.apache.poi.xssf.usermodel.XSSFWorkbook;
public class PrintArea
{
    public static void main(String[] args)throws Exception
    {
        XSSFWorkbook workbook = new XSSFWorkbook();
        XSSFSheet spreadsheet = workbook
        .createSheet("Print Area");
        //set print area with indexes
        workbook.setPrintArea(
        0, //sheet index
        0, //start column
        5, //end column
        0, //start row
        5 //end row
        );
        //set paper size
        spreadsheet.getPrintSetup().setPaperSize(
        XSSFPrintSetup.A4_PAPERSIZE);
        //set display grid lines or not
        spreadsheet.setDisplayGridlines(true);
        //set print grid lines or not
        spreadsheet.setPrintGridlines(true);
        FileOutputStream out = new FileOutputStream(
        new File("printarea.xlsx"));
        workbook.write(out);
        out.close();
        System.out.println("printarea.xlsx written successfully");
    }
}
```

Let us save the above code as **PrintArea.java**. Compile and execute it from the command prompt as follows.

```
$javac PrintArea.java
$java PrintArea
```

It will generate a file named **printarea.xlsx** in your current directory and display the following output on the command prompt.

```
printarea.xlsx written successfully
```

In the above code, we have not added any cell values. Hence **printarea.xlsx** is a blank file. But you can observe in the following figure that the print preview shows the print area with grid lines.

Print

Copies: 1

Printer

Send To OneNote 2013
Ready

Printer Properties

Settings

Print Active Sheets
Only print the active she