

# APACHE POI WORD - TABLES

[http://www.tutorialspoint.com/apache\\_poi\\_word/apache\\_poi\\_word\\_tables.htm](http://www.tutorialspoint.com/apache_poi_word/apache_poi_word_tables.htm)

Copyright © tutorialspoint.com

In this chapter, you will learn how to create a table of data in a document. You can create a table data by using **XWPFTable** class. By adding each **Row** to table and adding each **cell** to **Row**, you will get table data.

## Create Table

The following code is used to creating table in a document:

```
import java.io.File;
import java.io.FileOutputStream;
import org.apache.poi.xwpf.usermodel.XWPFDocument;
import org.apache.poi.xwpf.usermodel.XWPFTable;
import org.apache.poi.xwpf.usermodel.XWPFTableRow;

public class CreateTable
{
    public static void main(String[] args)throws Exception
    {
        //Blank Document
        XWPFDocument document= new XWPFDocument();

        //Write the Document in file system
        FileOutputStream out = new FileOutputStream(
            new File("create_table.docx"));

        //create table
        XWPFTable table = document.createTable();
        //create first row
        XWPFTableRow tableRowOne = table.getRow(0);
        tableRowOne.getCell(0).setText("col one, row one");
        tableRowOne.addNewTableCell().setText("col two, row one");
        tableRowOne.addNewTableCell().setText("col three, row one");
        //create second row
        XWPFTableRow tableRowTwo = table.createRow();
        tableRowTwo.getCell(0).setText("col one, row two");
        tableRowTwo.getCell(1).setText("col two, row two");
        tableRowTwo.getCell(2).setText("col three, row two");
        //create third row
        XWPFTableRow tableRowThree = table.createRow();
        tableRowThree.getCell(0).setText("col one, row three");
        tableRowThree.getCell(1).setText("col two, row three");
        tableRowThree.getCell(2).setText("col three, row three");

        document.write(out);
        out.close();
        System.out.println("create_table.docx written successully");
    }
}
```

Save the above code in a file named **CreateTable.java**. Compile and execute it from the command prompt as follows:

```
$javac CreateTable.java
$java CreateTable
```

It generates a Word file named **createtable.docx** in your current directory and display the following output on the command prompt:

```
createtable.docx written successfully
```

The **createtable.docx** file looks as follows:

create\_table.docx - Google ... x create\_table.docx - Google ... x +

https://docs.google.com/a/tutorialspoint.com/document/d/14ODEtC37UVu0U ... Google

Most Visited Getting Started What is hashing? - Def... 3 Empire Hibernate Tutorial Part... Hibernate Tutorial Part... VinSol - Apply 2 »

create\_table.docx ☆ ■ satish.kalakun@tutorialspoint.com

File Edit View Insert Format Tools Table Add-ons Help All changes saved in Drive Comments Share

100% Normal text Arial 11 B I U A More

|                    |                    |                      |
|--------------------|--------------------|----------------------|
| col one, row one   | col two, row one   | col three, row one   |
| col one, row two   | col two, row two   | col three, row two   |
| col one, row three | col two, row three | col three, row three |