

APACHE POI WORD - FONT & ALIGNMENT

http://www.tutorialspoint.com/apache_poi_word/apache_poi_word_font_style.htm

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This chapter shows how to apply different font styles and alignments in a Word document using Java. Generally, Font Style contains: Font size, Type, Bold, Italic, and Underline. And Alignment is categorized into left, center, right, and justify.

Font Style

The following code is used to set different styles of font:

```
import java.io.File;
import java.io.FileOutputStream;

import org.apache.poi.xwpf.usermodel.VerticalAlign;
import org.apache.poi.xwpf.usermodel.XWPFDocument;
import org.apache.poi.xwpf.usermodel.XWPFParagraph;
import org.apache.poi.xwpf.usermodel.XWPFRun;

public class FontStyle
{
    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("fontstyle.docx"));

        //create paragraph
        XWPFParagraph paragraph = document.createParagraph();

        //Set Bold an Italic
        XWPFRun paragraphOneRunOne = paragraph.createRun();
        paragraphOneRunOne.setBold(true);
        paragraphOneRunOne.setItalic(true);
        paragraphOneRunOne.setText("Font Style");
        paragraphOneRunOne.addBreak();

        //Set text Position
        XWPFRun paragraphOneRunTwo = paragraph.createRun();
        paragraphOneRunTwo.setText("Font Style two");
        paragraphOneRunTwo.setTextPosition(100);

        //Set Strike through and Font Size and Subscript
        XWPFRun paragraphOneRunThree = paragraph.createRun();
        paragraphOneRunThree.setStrike(true);
        paragraphOneRunThree.setFontSize(20);
        paragraphOneRunThree.setSubscript(
            VerticalAlign.SUBSCRIPT);
        paragraphOneRunThree.setText(" Different Font Styles");

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

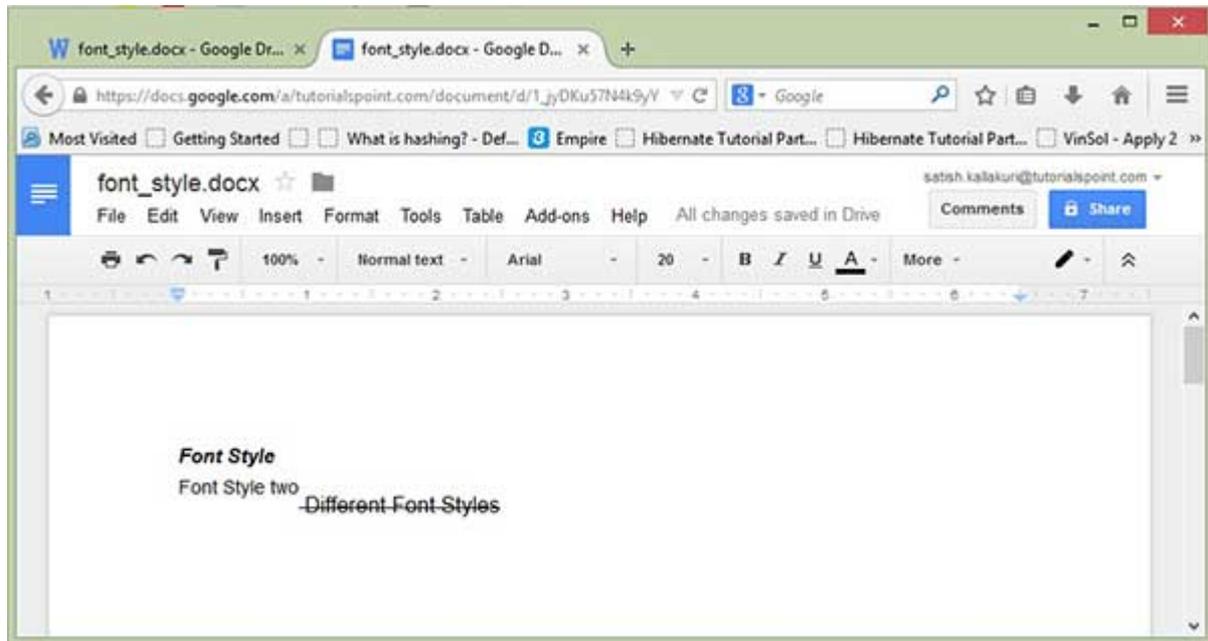
Save the above code as **FontStyle.java** and then compile and execute it from the command prompt as follows:

```
$javac FontStyle.java
$java FontStyle
```

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

```
fontstyle.docx written successfully
```

The **fontstyle.docx** file looks as follows.



Alignment

The following code is used to set alignment to the paragraph text:

```
import java.io.File;
import java.io.FileOutputStream;
import org.apache.poi.xwpf.usermodel.ParagraphAlignment;
import org.apache.poi.xwpf.usermodel.XWPFDocument;
import org.apache.poi.xwpf.usermodel.XWPFParagraph;
import org.apache.poi.xwpf.usermodel.XWPFRun;

public class AlignParagraph
{
    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("alignparagraph.docx"));

        //create paragraph
        XWPFParagraph paragraph = document.createParagraph();

        //Set alignment paragraph to RIGHT
        paragraph.setAlignment(ParagraphAlignment.RIGHT);
        XWPFRun run=paragraph.createRun();
        run.setText("At tutorialspoint.com, we strive hard to " +
            "provide quality tutorials for self-learning " +
            "purpose in the domains of Academics, Information " +
            "Technology, Management and Computer Programming " +
            "Languages.");

        //Create Another paragraph
        paragraph=document.createParagraph();

        //Set alignment paragraph to CENTER
        paragraph.setAlignment(ParagraphAlignment.CENTER);
```

```

run=paragraph.createRun();
run.setText("The endeavour started by Mohtashim, an AMU " +
"alumni, who is the founder and the managing director " +
"of Tutorials Point (I) Pvt. Ltd. He came up with the " +
"website tutorialspoint.com in year 2006 with the help" +
"of handpicked freelancers, with an array of tutorials" +
" for computer programming languages. ");
document.write(out);
out.close();
System.out.println("alignparagraph.docx written successfully");
}
}

```

Save the above code as **AlignParagraph.java** and then compile and execute it from the command prompt as follows:

```

$javac AlignParagraph.java
$java AlignParagraph

```

It will generate a Word file named **alignparagraph.docx** in your current directory and display the following output in the command prompt:

```
alignparagraph.docx written successfully
```

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

