

FONTS IN JAVA

The Font class states fonts, which are used to render text in a visible way.

Font class constructor

Font(Font font) //Creates a new Font from the specified font.

Font(String name, int style, int size) //Creates a new Font from the specified name, style and point size.

Font variables available in Font class are:

Font.BOLD	Font. SANS_SERIF
Font.ITALIC	Font. CENTER_BASELINE
Font. PLAIN	Font. DIALOG
Font. MONOSPACED	Font. SERIF
Font. TRUETYPE_FONT	Font. TYPE1_FONT
int size	int style
float pointSize	String name

Some of the commonly used methods supported by the Font class are as follows.

Method	Description
String getFamily()	Returns the family name of this Font.
int getStyle()	Returns the style of this Font.
boolean isBold()	Indicates whether or not this Font object's style is BOLD
boolean isItalic()	Indicates whether or not this Font object's style is ITALIC.
boolean isPlain()	Indicates whether or not this Font object's style is PLAIN.
static Font getFont(String nm)	Returns a Font object from the system properties list.
static Font decode(String str)	Returns the Font that the str argument describes.
String toString()	Converts this Font object to a String representation.

Example:

```
import
java.applet.Applet;
import java.awt.*;
import java.awt.event.*;
/* <APPLET CODE ="FontDemo.class" WIDTH=300 HEIGHT=200> </APPLET> */
public class FontDemo extends java.applet.Applet
{
    Font f;
    String
    m;
    public void init()
    {
        f=new Font("Arial",Font.ITALIC,20);
```

```

    m="Welcome to Java";
    setFont(f);
}
public void paint(Graphics g)
{
    Color c=new
    Color(100,100,255);
    g.setColor(c);
    g.drawString(m,4,20);
    Font plainFont = new Font("Serif", Font.PLAIN, 24);
    g.setFont(plainFont);
    g.drawString("Font in PLAIN", 50,
    70);
    Font italicFont = new Font("Serif", Font.ITALIC, 24);
    g.setFont(italicFont);
    g.drawString("Font in ITALIC", 50, 120);
    Font boldFont = new Font("Serif", Font.BOLD,
    24); g.setFont(boldFont);
    g.drawString("Font in BOLD", 50, 170);
    Font boldItalicFont = new Font("Serif", Font.BOLD+Font.ITALIC, 24);
    g.setFont(boldItalicFont);
    g.drawString("Font in BOLD ITALIC", 50, 220);
}
}

```

Sample Output:



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