

JAVA EXAMPLES - DISPLAY A CLOCK USING APPLET?

http://www.tutorialspoint.com/javaexamples/applet_clock.htm

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Problem Description:

How to display clock using Applet?

Solution:

Following example demonstrates how to display a clock using valueOf methods of String Class. & using Calendar class to get the second, minutes & hours.

```
import java.awt.*;
import java.applet.*;

import java.applet.*;
import java.awt.*;
import java.util.*;

public class ClockApplet extends Applet implements Runnable{
    Thread t, t1;
    public void start(){
        t = new Thread(this);
        t.start();
    }
    public void run(){
        t1 = Thread.currentThread();
        while(t1 == t){
            repaint();
            try{
                t1.sleep(1000);
            }
            catch(InterruptedException e){}
        }
    }
    public void paint(Graphics g){
        Calendar cal = new GregorianCalendar();
        String hour = String.valueOf(cal.get(Calendar.HOUR));
        String minute = String.valueOf(cal.get(Calendar.MINUTE));
        String second = String.valueOf(cal.get(Calendar.SECOND));
        g.drawString(hour + ":" + minute + ":" + second, 20, 30);
    }
}
```

Result:

The above code sample will produce the following result in a java enabled web browser.

[View in Browser](#)

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