20-9-1

스레드2

```java
package a20_9_1;

import java.awt.EventQueue;

class mythread5 extends Thread {

        int num=0;
        String name;
        public mythread5() {}
        public mythread5(String name) {
                this.name=name;
        }
        public void run() {
           while(true) {
                        System.out.println(name+":"+(++num));
                        //sleep(1000);
                }
        }
}

public class ThreadTest5 {
        public static void main(String[] args) {
                mythread5 my5=new mythread5("김씨");
                mythread5 my6=new mythread5("이씨");
                EventQueue.invokeLater(my5);
                my5.start();
                my6.start();
        }

}
```

시계

```java
public class RunnableTest extends Applet
                        implements Runnable {

        Font font; //글꼴
        Thread kim=null;

        public void run() {
                while(true) {
                        try {
                                kim.sleep(1000);
                        } catch (InterruptedException e) {
                                // TODO Auto-generated catch block
                                e.printStackTrace();
                        }
                        repaint();    //paint()메소드 호출
                }
        }

        public void init() {
                font=new Font("궁서체",Font.BOLD, 40);
                this.setBackground(Color.yellow);
        }

        public void start() {
                if(kim==null) {
                        kim=new Thread(this);
                        kim.start();    //run()호출
                }
        }


        public void paint(Graphics g) {
                Calendar now=Calendar.getInstance();
                int year=now.get(Calendar.YEAR);
                int month=now.get(Calendar.MONTH)+1;
                int date=now.get(Calendar.DATE);
                int hour=now.get(Calendar.HOUR);
                int min=now.get(Calendar.MINUTE);
                int sec=now.get(Calendar.SECOND);
                String str=year+"년"+month+"월"+date+"일 "+hour+":"+min+":"+sec;
                g.setFont(font);
                g.drawString(str, 10,40);
```

```
        }

        public void stop() {
                if((kim!=null)&&(kim.isAlive())) {
                        kim=null;
                }
        }

}
```

데이터베이스 환경설정