

Feb 10, 09 22:41

Ping.java

Page 1/1

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/*****
/
/   filename:  Ping.java
/
/   description: This program makes 20 sequential threads in java.
/
/   author:    Paladino, Zac
/   login id:  cps444-01.16
/
/   class:     CPS 346
/   instructor: Perugini
/   assignment: Homework #3
/
/   assigned:  February 5, 2009
/   due:       February 11, 2009
/
/*****/

public class Ping implements Runnable {
    private Thread t2 = null;
    static int count = 20;
    static boolean trigger = true;
    Ping(){
        t2 = new Thread(this);
        t2.start();
    }
    public void run() {
        System.out.print("Thread " + t2.getId() + ":");
        if(trigger){
            System.out.println("ping");
            trigger = false;
        }
        else{
            System.out.println("pong");
            trigger = true;
        }
        if(count > 0){
            count--;
            new Ping();
        }
    }
    public static void main(String args[]) {
        new Ping();
    }
}

```