

JAVA EXAMPLES - SUSPENDING A THREAD

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

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Problem Description:

How to suspend a thread for a while?

Solution:

Following example shows how to suspend a thread for a while by creating sleepingThread method.

```
public class SleepingThread extends Thread {
    private int countDown = 5;
    private static int threadCount = 0;
    public SleepingThread() {
        super("" + ++threadCount);
        start();
    }
    public String toString() {
        return "#" + getName() + ": " + countDown;
    }
    public void run() {
        while (true) {
            System.out.println(this);
            if (--countDown == 0)
                return;
            try {
                sleep(100);
            }
            catch (InterruptedException e) {
                throw new RuntimeException(e);
            }
        }
    }
    public static void main(String[] args)
        throws InterruptedException {
        for (int i = 0; i < 5; i++)
            new SleepingThread().join();
        System.out.println("The thread has been suspended.");
    }
}
```

Result:

The above code sample will produce the following result.

```
The thread has been suspended
```

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