

# Chapter 13 Creating thread by using Runnable Interface in Java by Munawar

## Creating a Thread

There are two ways to create a thread in Java.

1. By Extending thread class
2. By implementing Runnable interface

## Life cycle of a thread

New

|

Runnable

|

Running

New Runnable block

|

Terminated

## Source Code

```
import javax.swing.plaf.synth.SynthTextAreaUI;
import java.util.Scanner;
import java.util.Random;

class MythreadRunnnable1 implements Runnable{
    public void run(){
        int i=0;
        while (i<20) {
            System.out.println("I am a Thread not a threat");
            i++;
        }
    }
}
```

```

}
class MythreadRunnnable2 implements Runnable{
    public void run(){
        int j=0;
        while (j<20) {
            System.out.println("I am a Thread2 not a threat");
            j++;
        }
    }
}
public class Main {
    public static void main (String [] args) {
        MythreadRunnnable1 r1=new MythreadRunnnable1();
        Thread t1=new Thread(r1);
        MythreadRunnnable2 r2=new MythreadRunnnable2();
        Thread t2=new Thread(r2);
        t1.start();
        t2.start();

    }
}

```

Thank You