class MyNewThread implements Runnable {

    Thread t;

    MyNewThread() {

    // Create a new, second thread

    t = new Thread(this, "Demo Thread");

    System.out.println("Child thread: " + t);

    t.start(); // Start the thread

    }

    // This is the entry point for the second thread.

    public void run() {

    try {

    for(int i = 5; i > 0; i--) {

    System.out.println("Child Thread: " + i);

    Thread.sleep(500);

    }

    } catch (InterruptedException e) {

    System.out.println("Child interrupted.");

    }

    System.out.println("Exiting child thread.");

    }

    }

    class ThreadDemo {

    public static void main(String args[]) {

    new MyNewThread();

    try {

    for(int i = 5; i > 0; i--) {

    System.out.println("Main Thread: " + i);

    Thread.sleep(5000);

    }

    } catch (InterruptedException e) {

    System.out.println("Main thread interrupted.");

    }

    System.out.println("Main thread exiting.");

    }

    }

Output:

C:\Users\Nikhil\Desktop\bsc cs\sem 3 practical\java>java ThreadDemo

Child thread: Thread[Demo Thread,5,main]

Main Thread: 5

Child Thread: 5

Child Thread: 4

Child Thread: 3

Child Thread: 2

Child Thread: 1

Exiting child thread.

Main Thread: 4

Main Thread: 3

Main Thread: 2

Main Thread: 1

Main thread exiting.