package com.java2novice.algos;

public class MyDeadlock {

    String str1 = "Java";

    String str2 = "UNIX";

    Thread trd1 = new Thread("My Thread 1"){

        public void run(){

            while(true){

                synchronized(str1){

                    synchronized(str2){

                        System.out.println(str1 + str2);

                    }

                }

            }

        }

    };

    Thread trd2 = new Thread("My Thread 2"){

        public void run(){

            while(true){

                synchronized(str2){

                    synchronized(str1){

                        System.out.println(str2 + str1);

                    }

                }

            }

        }

    };

    public static void main(String a[]){

        MyDeadlock mdl = new MyDeadlock();

        mdl.trd1.start();

        mdl.trd2.start();

    }

}