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package Exercice1;

import java.util.Random;
import java.util.Scanner;

public class Main {

    //EJERCICIO 1
    //PROCESO QUE CUENTA NUMEROS

    private static int number1;
    private static int number2;

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.printf("Introduce el primer numero: ");
        number1 = scanner.nextInt();

        System.out.printf("Introduce el segundo numero: ");
        number2 = scanner.nextInt();

        System.out.println("El primer numero es: " + number1 + " y el segundo
numero es: " + number2);

        countingNumbers();
        scanner.close();
    }

    private static void countingNumbers() {
        System.out.println("El hilo se ha lanzado");
        while (number1 != number2) {
            try {
                int randomNumber = getRandom(1000);
                if (number1 < number2) {
                    number1++;
                    System.out.println(number1);
                    Thread.sleep(randomNumber);
                }
                else{
                    number1--;
                    System.out.println(number2);
                    Thread.sleep((randomNumber));
                }
            } catch (InterruptedException ie) {
                System.out.println("El hilo se ha interrumpido");
            }
        }
        System.out.println("El proceso ha concluido.");
    }

    private static int getRandom(int maxNumber) {
        Random randomNumber = new Random();
        return randomNumber.nextInt(maxNumber) + 1;
    }
}
```