**package danji;**

**import java.util.Arrays;**

**import java.util.\*;**

**public class Simulation {**

**//测试Bob的误码随机性是否达到标准**

**int[] aliceKeys;**

**public Simulation(int[] aliceKeys) {**

**this.aliceKeys = Arrays.copyOf(aliceKeys, aliceKeys.length);**

**//Bob的密钥**

**int[] bobKeys;**

**//密钥总长度**

**int n = aliceKeys.length;**

**//误码率**

**double p = 0.01;**

**//泄露信息量**

**int leakedMsg = 0;**

**//判断哈希值是否一致**

**for (;p<=0.09;p=p+0.01){//误码率不同时，在alice和bob每隔一百分段中有多少个奇偶不同**

**//产生Bob的密钥**

**bobKeys = Utility.bobKeysGenerator(aliceKeys,n,p);**

**Cascadei cascadei = new Cascadei(aliceKeys,bobKeys,n,p);**

**// System.out.println("误码率为 "+p+" 时，x = "+cascadei.Simulation());**

**}**

**}**

**}**