import java.security.KeyPair;

import java.security.KeyPairGenerator;

import java.security.Signature;

import sun.misc.BASE64Encoder;

public class Main {

public static void main(String[] args) throws Exception {

KeyPairGenerator kpg = KeyPairGenerator.getInstance("RSA");

kpg.initialize(1024);

KeyPair keyPair = kpg.genKeyPair();

byte[] data = "test".getBytes("UTF8");

Signature sig = Signature.getInstance("MD5WithRSA");

sig.initSign(keyPair.getPrivate());

sig.update(data);

byte[] signatureBytes = sig.sign();

System.out.println("Singature:" + new BASE64Encoder().encode(signatureBytes));

sig.initVerify(keyPair.getPublic());

sig.update(data);

System.out.println(sig.verify(signatureBytes)); } }

Output:--

