import javax.crypto.Cipher;

import javax.crypto.spec.SecretKeySpec;

public class SymmetricEncryption{

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

String plaintext = "This is a secret message";

byte[] key ="mysecretpassword".getBytes();

SecretKeySpec secretKeySpec = new SecretKeySpec(key,"AES");

Cipher cipher = Cipher.getInstance("AES");

cipher.init(Cipher.ENCRYPT\_MODE,secretKeySpec);

byte[] encryptedText = cipher.doFinal(plaintext.getBytes());

System.out.println("encrypted Text:" + new String(encryptedText));

cipher.init(Cipher.DECRYPT\_MODE,secretKeySpec);

byte[] decryptedText = cipher.doFinal(encryptedText);

System.out.println("Decrypted Text:" + new String(decryptedText));

}

}

Output:

