```java
import javax.crypto.Cipher;
import javax.crypto.spec.SecretKeySpec;
import java.util.Base64;

public class AESExample {
    public static void main(String[] args) throws Exception {
        String key = "1234567890123456"; // 16-byte key
        String msg = "Hello AES!";
        SecretKeySpec secretKey = new SecretKeySpec(key.getBytes(), "AES");

        Cipher cipher = Cipher.getInstance("AES");
        cipher.init(Cipher.ENCRYPT_MODE, secretKey);
        String encrypted =
Base64.getEncoder().encodeToString(cipher.doFinal(msg.getBytes()));

        cipher.init(Cipher.DECRYPT_MODE, secretKey);
        String decrypted = new
String(cipher.doFinal(Base64.getDecoder().decode(encrypted)));

        System.out.println("Encrypted: " + encrypted);
        System.out.println("Decrypted: " + decrypted);
    }
}
```