```java
1 package p_11_20_24_001;
2 import javax.crypto.*;
4
5 public class AES_example {
6
7     public static void main(String[] args)
 throws Exception{
8         // TODO Auto-generated method stub
9         String plaintext="Hi from CS-2365
 section1";
10        System.out.println(plaintext);
11
12        Key
 secretkey=KeyGenerator.getInstance("AES").
 generateKey();
13        Cipher
 cipher=Cipher.getInstance("AES");
14        //Encrypt
15        cipher.init
 (Cipher.ENCRYPT_MODE,secretkey );
16        byte[]
 encrytedbytes=cipher.doFinal
 (plaintext.getBytes());
17        String encrytedtext=new String
 (encrytedbytes);
18        System.out.println(encrytedtext);
19
```

```java
20          //Decrypt
21          cipher.init
   (Cipher.DECRYPT_MODE,secretkey );
22          byte[]
  deccrytedbytes=cipher.doFinal
  (encrytedbytes);
23          String deccrytedtext=new String
  (deccrytedbytes);
24          System.out.println(deccrytedtext);
25
26      }
27
28 }
29
```