CEASER CIPHER

import java.io.\*;

class cipher

{

// Encrypts text using a shift od s

public static StringBuffer encrypt(String text, int s)

{

StringBuffer result= new StringBuffer();

for (int i=0; i<text.length(); i++)

{

if (Character.isUpperCase(text.charAt(i)))

{

char ch = (char)(((int)text.charAt(i) +

s - 65) % 26 + 65);

result.append(ch);

}

else

{

char ch = (char)(((int)text.charAt(i) +

s - 97) % 26 + 97);

result.append(ch);

}

}

return result;

}

// Driver code

public static void main(String[] args)

{

String text = "ATTACKATONCE";

int s = 4;

System.out.println("Text : " + text);

System.out.println("Shift : " + s);

System.out.println("Cipher: " + encrypt(text, s));

}

}

OUTPUT:

