public class Caesar\_Cipher {

public static String Encrypt (String text,int key){

char []plaintext = text.toCharArray();

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

int temp = (((int) plaintext[i]-32+key)%95)+32;

plaintext[i] = (char)temp;

}

return new String(plaintext);

}

public static String Decrypt (String text,int key){

char []plaintext = text.toCharArray();

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

int temp = (((int) plaintext[i]-32-key)%95)+32;

plaintext[i] = (char)temp;

}

return new String(plaintext);

}

public static void main(String[] args) {

System.out.println("Text : Anaghan Yug Vipulbhai 003");

System.out.println("Cipher Text : "+Encrypt("Anaghan Yug Vipulbhai 003",3));

System.out.println("Message : "+Decrypt(Encrypt("Anaghan Yug Vipulbhai 003",3),3));

}

}