

## Algorithm

Aim: To encrypt a given String using Caesar Cipher

1). Start

2). main() – a). Input a String and store it in text.

b). String encry\_text = ""

int L = text.length();

c).

if(L > 3 && L < 100)

{

for( int i=0; i<L ; i++)

{

if(Character.toUpperCase(text.charAt(i)) >= 'A'

&& Character.toUpperCase(text.charAt(i)) <= 'M')

encry\_text += Character.toString(text.charAt(i)+13);

else if(Character.toUpperCase(text.charAt(i)) >= 'N'

&& Character.toUpperCase(text.charAt(i)) <= 'Z')

encry\_text += Character.toString(text.charAt(i)-13);

else

encry\_text += text.charAt(i);

}

System.out.println("\nOUTPUT: "+encry\_text);

}

d). else

System.out.println("\nOUTPUT: INVALID LENGTH ");

3). Stop