**Aim:** Implement Caesar Cipher encryption and decryption algorithm

**Program:**

def encrypt(str, s):  
 result = ''  
 for i in range(len(str1)):  
 if str1.isupper():  
 result += chr((ord(str1[i]) + s - 65) % 26 + 65)  
 else:  
 result += chr((ord(str1[i]) + s - 97) % 26 + 97)  
 return result  
  
def decrypt(str, s):  
 result = ''  
 for i in range(len(txt)):  
 if txt.isupper():  
 result += chr((ord(txt[i]) - s - 65) % 26 + 65)  
 else:  
 result += chr((ord(txt[i]) - s - 97) % 26 + 97)  
 return result  
  
str1 = str(input("Enter the string to be encrypted : "))  
s = int(input("Enter The key :"))  
print(str1)  
txt = encrypt(str1, s)  
print(txt)  
k = str(input("If u want to decrypt then type d or type e for exit : "))  
if k == 'd':  
 print(txt)  
 txt1 = decrypt(txt, s)  
 print(txt1)  
else:  
 print("program is exited........")

**Output:**

