Write a c program for encryption and decryption using Caesar Cipher

#include<stdio.h>

#include <ctype.h>

#include<string.h>

int main**(){**

//(p+k)mod26 ASCII 'a'97 A=65

int key**=**3**;**

int ch**=**1**;**

start**:**

printf**(**"enter choise \n1:encription \n2:decription\n3:EXIT\n"**);**

scanf**(**"%d"**,&**ch**);**

fflush**(**stdin**);**

**if(**ch**==**1**)** **{**key**=**key**;** printf**(**"enter plan txt for encription\n"**);}**

**else** **if(**ch**==**2**)** **{**key**=-**key**;** printf**(**"enter cypher txt for decription\n"**);}**

**else** **if(**ch**==**3**)** **{return** 0**;}**

**else** **goto** start**;**

char plantxt**[**100**];**

fgets**(**plantxt **,sizeof(**plantxt**),**stdin**);**

**for(**int i **=** 0 **;**i**<**strlen**(**plantxt**)** **;**i**++** **)**

**{**

**if(**isupper**(**plantxt**[**i**]))**

**{**plantxt**[**i**]=((**plantxt**[**i**]** **-**65 **+**key**)%**26**)** **+**65**;** **}**

**else** **if(**islower**(**plantxt**[**i**]))**

**{**plantxt**[**i**]=((**plantxt**[**i**]** **-**97 **+**key**)%**26**)** **+**97**;** **}**

**else** **{** plantxt**[**i**]=** plantxt**[**i**];}**

**}**

printf**(**" txt is %s"**,**plantxt**);**

**goto** start**;**

**return** 0**;**

**}**

**OUTPUT**

**sourabh@sourabh:~/Documents$ gcc ceaser.c**

**sourabh@sourabh:~/Documents$ ./a.out**

**enter choise**

**1:encription**

**2:decription**

**3:EXIT**

**1**

**enter plan txt for encription**

**txt is**

**enter choise**

**1:encription**

**2:decription**

**3:EXIT**

**attack from north**

**enter plan txt for encription**

**txt is dwwdfn iurp qruwk**

**enter choise**

**1:encription**

**2:decription**

**3:EXIT**