#include<stdio.h>

int main()

{

char message[100], ch;

int i, key;

printf("Enter a message to encrypt: ");

gets(message);

printf("Enter key: ");

scanf("%d", &key);

for(i = 0; message[i] != '\0'; ++i){

ch = message[i];

if(ch >= 'a' && ch <= 'z'){

ch = ch + key;

if(ch > 'z'){

ch = ch - 'z' + 'a' - 1;

}

message[i] = ch;

}

else if(ch >= 'A' && ch <= 'Z'){

ch = ch + key;

if(ch > 'Z'){

ch = ch - 'Z' + 'A' - 1;

}

message[i] = ch;

}

}

**Output**

Enter a message to encrypt: axzd  
Enter key: 4  
Encrypted message: ebdh