

```
1 #include<stdio.h>
2
3 int main()
4 {
5     char message[100], ch;
6     int i, key;
7     printf("Enter a message to decrypt: ");
8     gets(message);
9     printf("Enter key: ");
10    scanf("%d", &key);
11    for(i = 0; message[i] != '\0'; ++i){
12        ch = message[i];
13        if(ch >= 'a' && ch <= 'z'){
14            ch = ch - key;
15            if(ch < 'a'){
16                ch = ch + 'z' - 'a' + 1;
17            }
18            message[i] = ch;
19        }
20        else if(ch >= 'A' && ch <= 'Z'){
21            ch = ch - key;
22            if(ch < 'A'){
23                ch = ch + 'Z' - 'A' + 1;
24            }
25            message[i] = ch;
26        }
27    }
28    printf("Decrypted message: %s", message);
29    return 0;
30 }
```

File Edit Search View Project Execute Tools AStyle Window Help
Select C:\Users\Pragna\OneDrive\Documents\ceaser cipher decrypt.cpp - [Executing] - Dev-C++ 5.11

Project
Enter a message to decrypt: htsfgju
Enter key: 5
Decrypted message: conabep

Process exited after 13.68 seconds with return value 0
Press any key to continue . . .