

Program Output:

Input a string: QUEEN

Your string will change into: KWEEN

Input again(y/n)?

Note: Capital Letter Q is changed to KW

-CODE PROPER-

```
cout MACRO param1
    mov dx,offset param1
    mov ah,9h
    int 21h
endm

model small
.stack 64
.code

p1 db "Input a String$"
p2 db "Your String will change into: $"
keys db 128 dup?
.code
main proc far
    mov ax, @data
    mov ds, ax
    mov ax, 3h
    int 10h

    cout p1

    mov cx, 0

    lea di, keys

inp:  mov ah, 01h

int 21h

    inc cx
    mov [di],al
    inc di
    cmp al,0dh
    jne inp

    cout newline
    cout p2
```

```

lea di, keys
analysis: mov bh, [di]
           mov bl, [di+1]
           cmp bh, 51h
           jne outp

           mov bh, 4Bh
           mov bh, 57h
mov [di], bh
           mov [di+1], bl

```

```

outp:      mov dl, di
           mov ah, 2h
           int 21h
           inc di
           loop outp
           mov ah, 4ch
           int 21h

```

```
main endp
```

```

newline PROC near
           mov dl, 0ah
           mov ah, 2
           int 21h
           mov dl, 0dh
           mov ah, 2
           int 21h
           ret

```

```
newline endp
```

```
end main
```