

## ZERO'S AND ONE'S

### Data segment

Org 1000h

Num db 0feh

One\_c db 0

Zero\_c db 0

Data ends

### Code segment

Assume cs:code,ds:data

Main:

Mov ax,data

Mov ds,ax

Mov ch,00h

Mov cl,08h

Mov al,num

Clc

Up:

Rcl al,01h

Jnc dn

Inc one\_c

Jmp dn1

Dn:

Inc zero\_c

Dn1:

Loop up

Mov ah,4ch

Int 21h

Code ends

End main