```asm
[org 0x0100]
jmp start
haha : dw '1858'
print:
push bp
push sp
push bp,sp
push es
push ax
push bx
push dx
push cx
msg1: 'i am happy'
msg2: 'i am unhappy'

start:
mov ah,1 ;for input
int 21h ;call interrupt


mov dl,al
mov ah,2 ;for output
int 21h ;call interrupt
mov cx,255
mov di,0
mov si,0
l1: ;for sum of squares
mov di,0
l2:
mov ax,0
mov byte al ,[haha+si]
cmp al,0
je l2END
sub al,30
mul al
add di,ax
jmp l2
l2END:
cmp di,256
jle happy
loop l1


mov ax,0x4c00
int 0x21
```