data segment

opr1 db 0ah,0dh,"enter first no $"

opr2 db 0ah,0dh,"enter second no $"

result db 0ah,0dh,"result $"

num dw ?

num1 dw ?

num2 dw ?

num3 dw ?

sum dw ?

display macro msg

mov dx,offset msg

mov ah,09h

int 21h

endm

read macro num

local l1,exit

mov ah,01h

int 21h

mov ah,00h

sub ax,0030h

mov num,ax

l1:mov ah,01h

int 21h

cmp al,0dh

je exit

mov ah,00h

sub ax,0030h

mov num1,ax

mov ax, num

mov bx,000ah

mul bx

add ax,num1

mov num,ax

jmp l1

exit:nop

endm

print macro num

local l2,l3

mov ax,num

mov cx,0000h

l2:mov dx,0000h

mov bx,000ah

div bx

push dx

inc cx

cmp ax,0000h

jne l2

l3:pop dx

add dx,0030h

mov ah,02h

int 21h

loop l3

endm

data ends

code segment

assume cs:code,ds:data

start: mov ax,data

mov ds,ax

display opr1

read num2

mov cx,num2

display opr2

read num3

mov bx,num3

display result

add cx,bx

mov sum,cx

print sum

mov ah,4ch

int 21h

code ends

end start