org 1000h

; variables

Tabla db "AEIOUaeiou"

Palabra db "TiagoIgnacio"

Suma db 0

------------------------------------------------------------------------------------------------------------------

org 3000h

SWAP: Push ax

Push bx

mov bx, cx

mov al,[bx]

mov bx, dx

mov ah,[bx]

mov [bx],al

mov bx, cx

mov [bx],ah

Pop bx

Pop ax

ret

ES\_VOCAL: Push Bx

Push cx

Push dx

mov bx, sP

ADD BX,8

mov ah, [bx] ; AH VALOR

ADD bx, 2

mov bx, [bx] ;Offset Tabla

mov dx, bx

add dx, 9

Repet: mov cx,[bx]

cmp cl, ah

jz salida

inc bx

cmp bx,dx

jnz Repet

mov ah,0

jmp Flin

salida: Mov ah,0FFH

Flin:Pop dx

pop cx

pop bx

ret

org 2000h

mov al, Suma

mov cx, Offset Palabra

mov dx, Offset Suma -1

Repetir: call SWAP

mov bx, Offset Tabla

Push bx

MOV BX, dX

MOV BL,[bx]

Push bx

cALL ES\_VOCAL

pop bx

pop bx

cmp ah,0FFH

jnz saltito

inc al

saltito: dec dx

cmp cx, dx

jz Fin

mov bx, Offset Tabla

Push bx

MOV BX, cx

MOV BL,[bx]

Push bx

cALL ES\_VOCAL

pop bx

pop bx

cmp ah,0FFH

jnz saltito2

inc al

saltito2: inc cx

cmp cx, dx

js Repetir

; código

Fin: mov bx, Offset Suma

mov [bx], al

HLT

END