

Aufgabe 1

bits 32
global start
extern exit,
input exit msvcrt.dll
input

segment data use32 class=data

format db '%s\n%d', 0
menu - filename db 'asc5.txt', 0
mod access db 'w', 0
description db 'S db "ana & @ overline", 0
resb 100
len db 100
muespecial db 0

segment code use 32 class=code

characterspecial:

mov EBX, [len]

mov ESI, S ; parameter string character in c ; 3rd char data e c. special

loops:

lodsb; AL ← DS:ESI

cmp AL, 0

JZ success

cmp AL, '0'

JB special

cmp AL, '5'

JBE muespecial

cmp AL, 'A'

JB special

cmp AL, 'Z'

JBE muespecial

cmp AL, 'a'

JB special

cmp AL, 'z'

JBE micspecial

Special:

inc byte[micspecial]; an odd in c-flag

mov EDI, 5 ; number of strings in c

sub ESI, EDI ; not more to display

mov EDI, [ESI+EBX+1]

mov ECX, ESI

push ESI

mov ESI, [ESI+EBX]

std

loop - micspec:

movsb

loop loop - micspec

cld

pop ESI

micspecial:

JMP loop

Save for it:

JMP final-special

start:

push dword micspec - address ; address of micspec

push dword micspec - address ; address of micspec

call [micspec]

add esp, 4*2

mov [descriptor - 8], eax ; furnizăm progr.
cmp eax, 0 ; dacă m s-a
je ms-s-a - cond - final deservim corect

386 caractere pe byte

final - corect:

push dword [incorect]

push dword 5

push dword 10

push dword [descriptor - 8]

call [print-f]

add esp, 4 * 4

ms-s-a - creat - final:

push dword 0

call [exit]

Algoritmul face apel la funcția „caracter
special” pentru a verifica dacă este sau
este număr sau caracter, după care, în
funcția de caracter „noi la caracter”
dublam caracterul special.