3086-3088 20 climbit 16bit



SP 51 CSIII DS - 11-55 - 11-FS -11-FLAC

SEGMENT OFFSET + ADATMO2 6AT5: MOV

MOV BX,AX MOV AL, 1AH < 1,00001111B MOV

AXOBABAH 1700 Mol AL (43-5)*2 MOL DH, 1Q1 MOL (4,1)/A/-6 MOU

DX, [1234H] MOV 170V [1236], AX MOU ES: [1236], AX M0 V AX, [BX]

[BX+1234],CL MOU 10V AH [BX+D]
PUSh WORDPTR(BY)

pushf POPK XCH6

AXR

ALD, 0.255 10 U()T DX 0.255) AL INT IRET

1. pushf 2. push cs (NT)3. push 1 p 4. (S:IP = ijettet

1. POP IP
2. POP CS
3. POP

(IRET)

Aritmetikai utasitasok ADD 41,8 [B+7,A1 SBR AXI [1234H+BY]

BX 1 NC WORD PTR [ST OFC CMP NEG

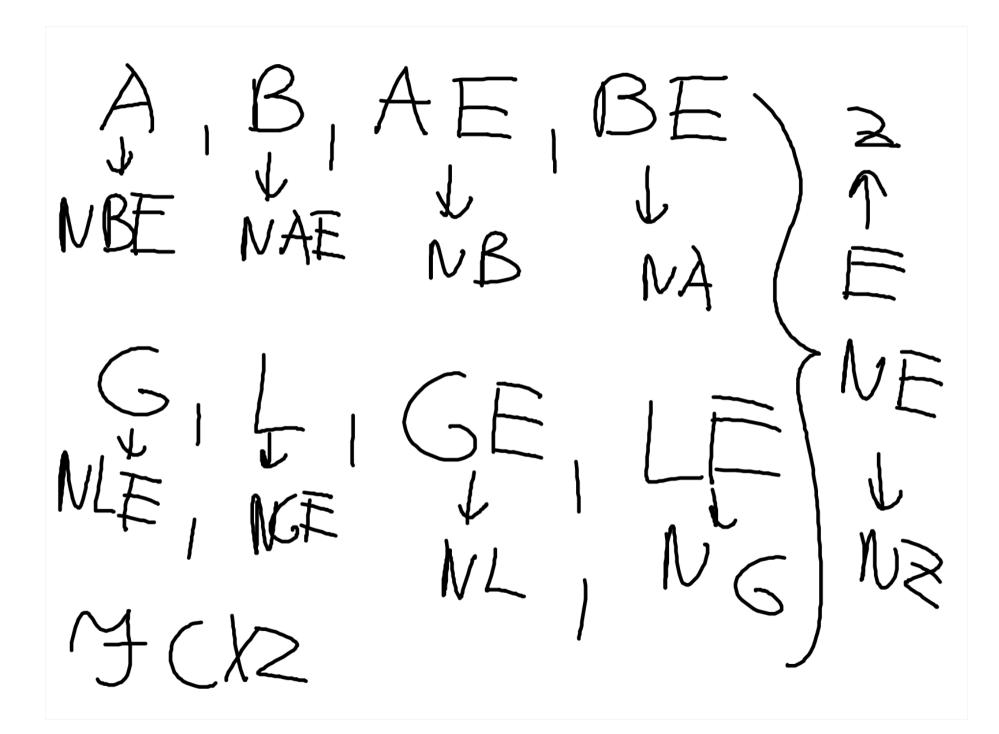
MUL 16 bites *AL -> AX
16 bites *AX -> DX:AX DIV AX: 86it AL hangates

DX: AX: 166it > AX hangates

IP-+ midosito utasitaset JMP WOR PTR [BX] FMP LOCICI DWOR PTR (SI) AMP

CALL LACIKA RET CALL DWOR PTR [EMOKE] RETE

J_{IF}(FIF NC 2,N2,S,NS,PO,PE NPE NPO



L00P

MOV C410 CICICI:

> 1, Loop (1(1()

MOV 51,10 VISSZA:

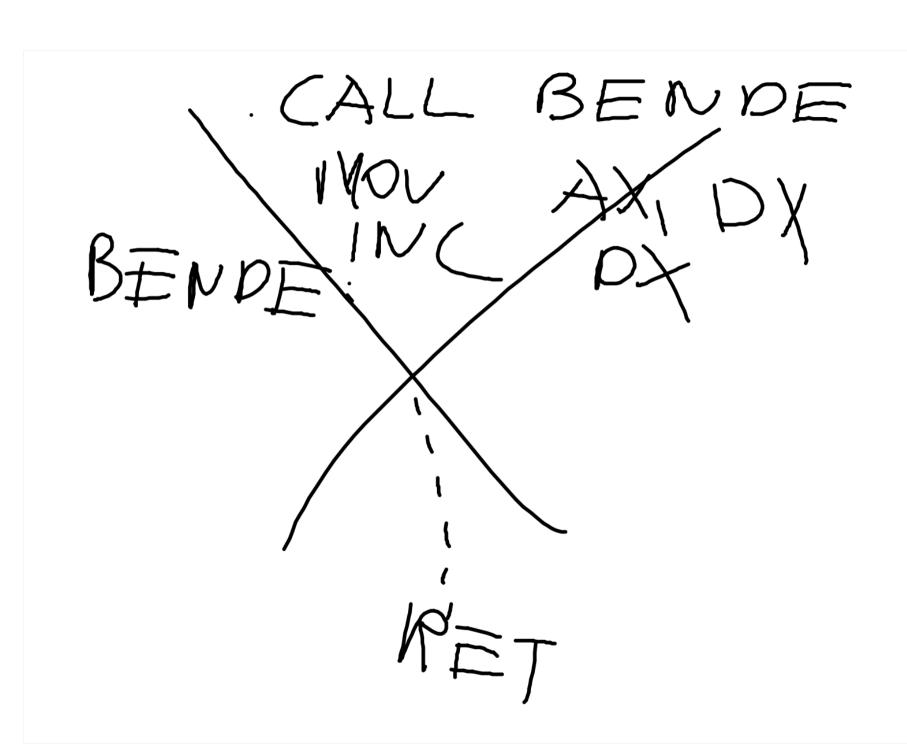
DEC SI MW VISSSA

JC MESSZE: JMP MESSZE MESSE:

MOV CX,100KULSO:

BELSO: HOOP BELSO LOOP KULSO

MOU CX, 100 KULSO: PUSH CY MOU CHOO LOOP BELSO nor KULSO



SOUTEG DB IVALAMISI BENDE:

i,
PAT

L061KA1 UTASITASOK AND < X13 OR [BX], S) AL, 00001111B BX, DX XOR 1 EST

or 00111100 AND 00111100 NOT 01011100

$$\frac{10}{11} - 0 = \frac{10}{11}$$
 $\frac{11}{11} - \frac{10}{11}$
 $\frac{11}{11} - \frac{10}{11}$
 $\frac{11}{11} - \frac{10}{11}$

MOU AH,2 DLICL MOV ADD 1 / 21H

CX Kiiratdsa decimalisan MOV AX, CX MOV SI, 10 XOR DXIDX VIC

MOU AXICX XOR CXICX PUSH CX MOV KCIKL: XOR

AH,2 DX UHCHAR: MOV OR DL, DL MARKI INT JMP 21H U74HAR MARKI

00110000 30H

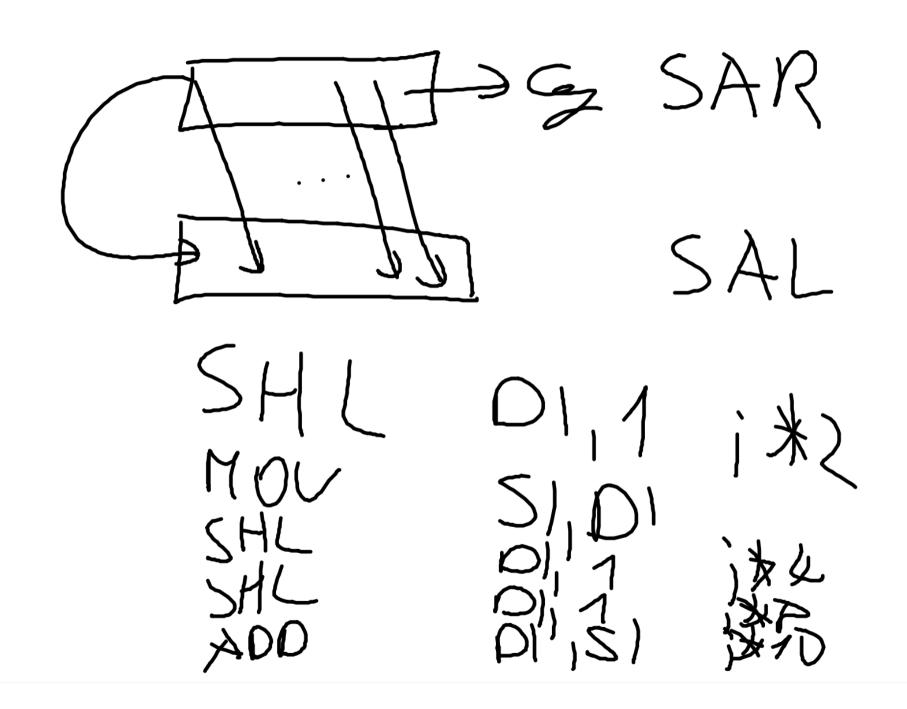
Decimalis érték beolupsés VSIEUT: MOV 01,01 AH, 8 INT 21H AL, 13 KESS

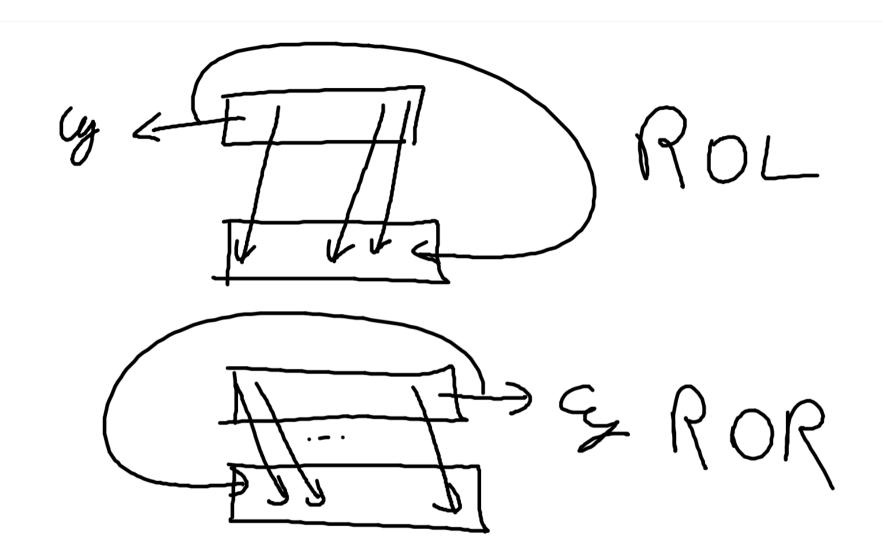
CMP JB AL,'O' HIBA CMP AL,191 MA HIBA MOV DL, AL MOV 21H 21H

AND DX,0000111113 MUV AX, DX AX, DI CX, 10 XCHG MOV MUL $\langle \lambda \rangle$ DIAX

Leptetd, forgats utasitasok SHL

SHR AX, 1 SHR AX, CL SHL OWORD PTR[DIJ,1





RCL

15 0 0 RCL Ø SHR ® RCP EG性B NOP CLI STI CLC STC CLD CMCSTD

SI, OFFSET INNEN MOV DI, OFFSET IDE MOV CX, TERMER KIK: MOV ALICST

MOVSW-> SIESIE1 SIESIE2 016017 REP MOU 51, MOU OI, RED MOUSP

AXY => ES: [D] STOSN TODSM' DS: [S]] > {AL AX CMPSW CMP DS: BIJIES: [bi] SCASB CMPAL) ES: [D] REP2, REPE REPNZIREPNE

MOU $A \times_1 8$ CALL FAKT; DX:AXN! = (N-1)!.N FAKT:

AX, 1 CMP FNZ NEMEGY XnR MEME64.RET

PUSH AX

DEC HIRA MOU SI, AX MOV

BX MUL HIBA XC HG AX,SI BX MUL DX, SI

HIBA:

RET

INT 16H (AH) O > leuté s varas

ALE leutés kádia 1-> leites vizsgilat Zesetén nincs (eütés NZ-11- von, kódja-)AL MOV AH,1 INT 16H 57 nincs AHD 16H

7. > SHIFT statusz bedlvasasa MOV AH, 2 INT 16H AND AL,00000011B MEGDAR

1NT 33H AX > 0 Wtezik-e adriver $AX=0 \rightarrow nin(S)$ $AX+0 \rightarrow von$ Sdriver

AXE-1 Show mouse cursor Ale 2 Hide mouse curson AXE3 Beolupsson Sllapotet BK = gombox bitjei

ITTVAR:
MOU AH, 1 INT 16H 72 EGEROL MOU AH, O INT 16H CMP ALIZA M& KILEP EGERN:

MOV AXIS INT 33H AND BL, 00000011B MOV DX, OFFSET EGYSEM 52 TXTKII DY OFFSET BALGOY TYTKII

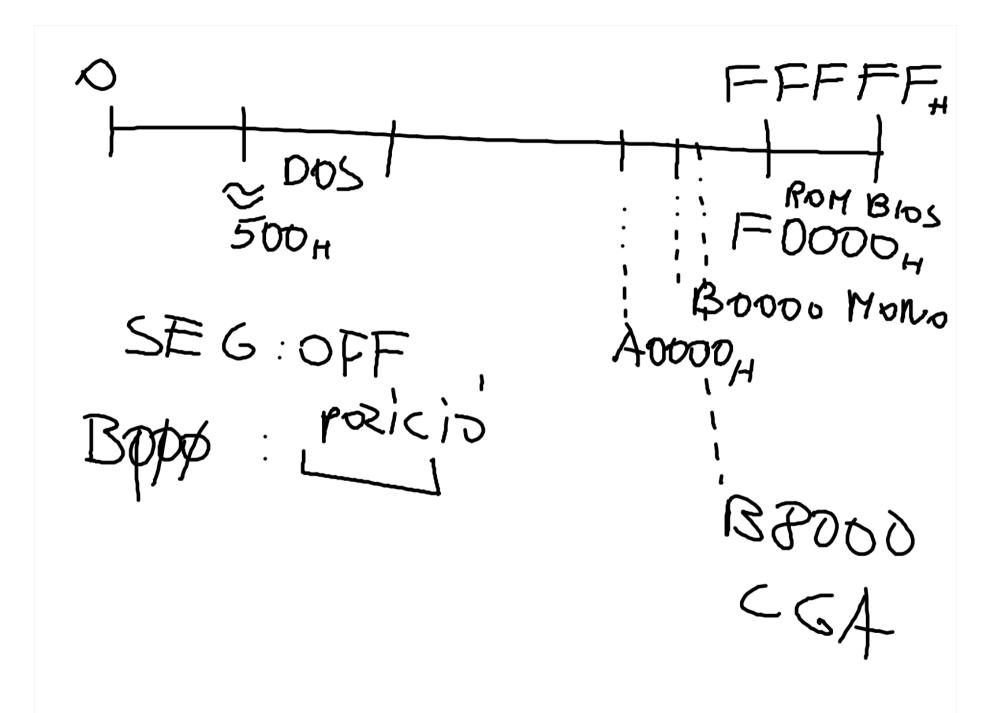
DX, OFFSET 40BGOM Dec 72 TXTKII MOV DXTOFFSET MINDRE TXTKII: AH? MBU 21H MMP

DB EGYIKDSEMI EGYSEM DB 3 DUP (8)'\$' BALGOM DB BALLSOMBLI DB 9 DUP(B) ISI JOBGOM DB 9 DUP(8), 4 GOMB

MINDKE DB MINDKETTÖ' DB 901, p(6) 11

8,8,8,8,8,8

SHOFFH MOV 51,BX CMP 72 ITTUAR MOV 51,BX AND DEC



(63 160 Statusz bajt

158

(IM > BX

AX, ØB800H MOV ES, AX XOR PIDI PACIKL: MOU ALIEN DR ALIAL KITEVE

IES-CGA IOFFSET 1 Kiteendő i Nolla?

; GGA

i követ kezőre MOV ES:[DI] AL; be masolom instatuszra MMP PACIKL I Koketkezőre I VISSZ a Beolu ADD D1,2

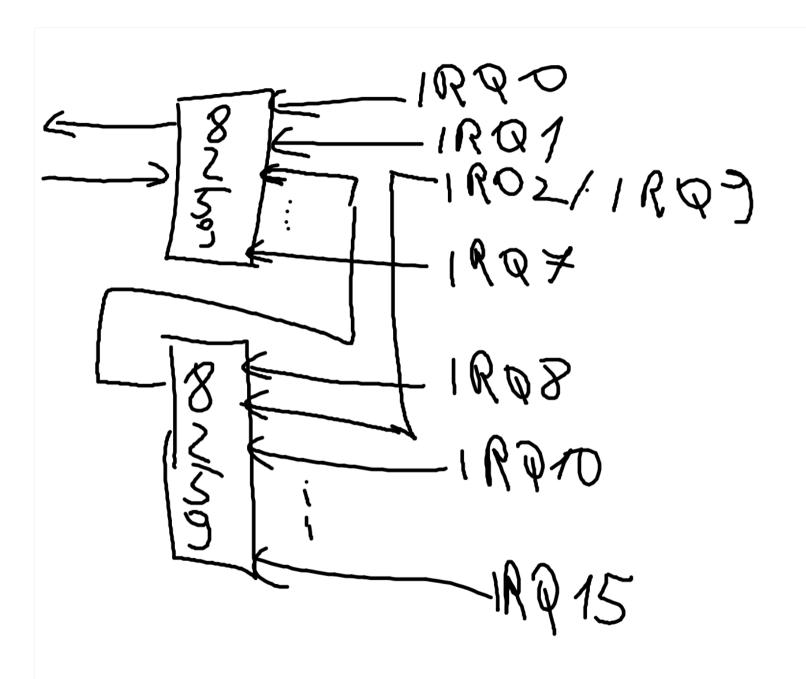
E13He !! CLD MOU AH, ES: [i] STOSW

GRAFIKUS Üzem: 320X200 pont ADOD Szegmens Mod > 13H Mov AX, 13H INT 10H

10 cimek: Szinszim -> 3 - 84 Összekvők -> 309H 1-eszöldlerren MOUDX,3CBH MUL AL, 1 OUT DX,AL DX 11/2 MOU ALO DUT PX,AL NOU AL163 DX,AL

AL, O Mov DX,AL OUT HdHer leggen ket DX,308H AL,0 MOU 700 TUO DXIAL INC **DUT** DX,AL 710 DX,AL AL163 Mou DXIAL DUT

1RQO >Timer INT8 1RQ1 -> kbvi INT9 INTOF



CALLEREDETI

JMP EREDETI

AX,AX ES)AX XOR Mov AX, ES:[8X4] MOV DY/ES: (8*4)+27 MOV WORD PTRECIMIAX NORD PTRECIMASI'C'

CLES: [8X4], OFFSET SAYATI Mbh ES:[(8)+4)+2], CS DRENS KILEPET

SA JAT 1: PUSHF CALLOS: [CIM] I F

CIM

SAJAT: MP (S:[CIM] CIM DD S