Data Segment

Code Segment

Stack Segment

Extra Segment

Instructiune destinatie sursa

32 biti: EAX,EBX,ECX,EDX

ESP EBP (STIVA)

EDI ESI (INDEX)

16 biti: AX BX CX DX

SP BP

DI SI

8 biti: AH/AL BH/BL CH/CL DH/DL

EAX : [ :AX (AH | AL) //8biti ]

DS (DATA SEGMENT)

nume\_var tip\_data lista\_valori

nr DB 1,2,3

DW

DD

DQ

nr RESB 4

RESW

RESD

RESQ

var DB 3

mov AL, 5 (atribuie valoare)

add AL, [var] => AL = 8

add byte [var] . 1

word

dword

add word [a], 2]

mul BL -> AL\*BL (AX)

mul BX -> AX\*BX (DX:AX) 32 biti

mul EBX -> EAX \* EBX (EDX : EAX) 64 biti

tema : 15 30 de la fiecare chestier

https://www.cs.ubbcluj.ro/~vancea/asc/ro-lab2-exercitii.php