## CURS 4 ~ 16 mai. 2022

· Orice fel de continuit al regionation ount modificable a momentul goomblain

10 dec. In cemod or advanceore on. direct/indin./ete.

o ocadinea a 2 pointers -s val ocalista.

Ultizarea operatoular operator = pt. combinava , compounera, modificara oftemorage seisome to

-> aperatorio efecturaza calcule cu valori constante SCALARE determinable la momentul asamblari.

mor ear, elsy Deex. > Synterenson.

[ebx + eex] > fromula de calcul a effectului in operand.

le este augui un aurs nu trabaiu otruja.

Openatori logici pe biti

u << > > Oleplasone bits contre stering a u >> " -> deplacare both cooker duageta. y 2" > of bit cubit u lu sur » pour bit cubit.

Kamples

X AND O = 0

X AND 1 = X.

X ANDX=X.

X AND NXZO

molor property of other ste MA siteral anutyriter by le val. O.

X nO = X

X or L z 1

x or ~x = 1

Operation OR este utila pt. forfano valorii anumber biti la val L Migor /

X XOL O 2 X

XXOL 12 NX

x xorx 2 20 verous

x xor ~x = 1.

Operation XOR este etta pt. complementarea anumiter biti.

1 > megane legice? 1x=0 dacă x \del 1.

example 2 Example 2 b dw Date al pestion
12 models de mitrolèses
a les ceamstructor
registre ce o
(Dutabare examen)

example 3

A A egle 2.

mov ah > ! AA V.

example 4 mov ah, 14 n(n14) = ffh. mov ax, value (nvalue) off ffh.

mov V, o

example 5 Explicate efectile v db 10, -101, 1x1 representario little endian la registre adw offh,-1,42 le nivelal adriteture 6 dd 12345648 li,-1. X86 ap/mise push v; stock coffeet (v) apleer le régotre puch CV3 > Symbox Enoxpush word EV3 / dword EV3 mor ear, v => eax = offset alev pe 32 byts mor eax, Di puch ear a ja continuted lei ear of El pune instra push Teax 3 & Symbor Ennor Und 12 SD PONORD 12 (georgandom) puch byte [U] => Symtex Error (push mu on oubyte) nop [N 3) Symter Error : popular on durad on pop V; 2:23 vio not a L-value 1-0 Symboren. pop dward v or Syntax Error. non Teax 3 Symlax Ernor (Dize off). pop 15 0 Symtax Error, (mot a L-value) & pop (10) ->> Bymtax Enimor (lipsa dim.) E prip prip 10 mor ous, byte O.V div [U] 20 Symler Evrop byte, word, dword word, byte, dword.

example 6 a db - - - Se va 8 testa pe 10 dee L.

mor a,b > 6.E. (oyntaxernor) mot L-value mor Ca3,b > 6.E. s more byte Ca3,b. X more a (b) => 6.E. not 2-value disconstitution mem. Ta3, Cb3 >> mu pedem over 2. ophanti dim mem. mul v >> 6.E. > mu poale from the enerpedate mul tv3 >> 6.E. > ormalizara lui mul mu enerpedate

dword dword

mul teax 3 => 5.E. > mu se operfred nitell

mul 15 or 5.E. > mu se operfred nitell

pop byte til => 6.E.

pop gword til >> imptruction mot oupported in 32 54.

S.F.

Clarificarea eroouter

ereare de aramblar comprator (asamblar ereare de asamblar

formularea ensarlor

· run-time ernor (eroor de exempe) >
> programul " crapa" - crash.

· encare logica > programul rulează dornu primiste