pass by ref us val

foo(x)

pass by val

Reference

X 24 Ext X'

[mem 7 2]

mem 8 memc

Pass by ref passes the x'

New pass by's Value / result typically slower.

tiz when updated it updates the org when fine is done, not instant.

1500 (a)(X,Y,X) 60(a,b,C)
(a)(1)

1 Order You Copy out matters Typicall LAR Pass by name with f(x,y)return X+Zy

Macro-Otext Substitution. before Compiling.

f(7,3)f(PCOJa[z])

Variation of inline funcs.

examples tinc foo (a, b) a = 6 b- b+1 X=1 Y=Z Fou (x,y) What is X, Y Refer fenc Val 1,2 re terence 7,3. its 3,3; f aliased func for (a, b) Val/result 2,3 a = 6 x = 4 x = 2 name b= bt1 4= 4+1 4=2+1 2,3

Point X too(x) 9.X23 92 Point(1,0) a = hew point(2,2) foola) Value hothing chages Sharing too (X) Amma: memb: a 9.823 923,0 az hew point(2,2) Created and heap storage mem (: mem B; a' + (7,2) but a doont rue the Plate outside sum So ends Up returning 3,0

func foo (a,b,c) 92 Ctl czazb X:1 422 foo ( ) ( ) Val 3 Val/result 3 or 1 depends on fill hane a and b are replaced w/k function (a,b,c) 92 Ctl X241 crafb yax+x

Optional / Retault fines.

Foo Cint x=1)

typically make make diff fines

foo Cini x)

foo CL(1)

Named Params

[failized passed in as a hash more.

Soo pass by name.

Multi return

f(2) don't know it passed by ret/val