CALL BY VALUE CALL BY REFERENCE

a b a b

main()

~~20~~ 25

~~10~~ 13

10

20

800 900 800 900

incr() a b ptr\_a ptr\_b

900

800

~~20~~ 25

~~10~~ 13

1240 2390

Note that names of vars are governed

(controlled) by scopes, not so with

addresses of vars which are always

unique (non duplicate) for entire system.

main() fn1() fn2() In fn2()

a ptr\_a ptr\_ptr\_a \*\*ptr\_ptr\_a++;

~~15~~ 16

749

600

600 749

ptr\_ptr\_a is pointer to pointer &

declared using \*\* (used rarely).

In Python, \*\* is used to calulate power

value & not in C/C++ or Java.

main() r d ac cc ? required ans

from function

?

?

?

10

600 1024 2345 560

r

1024

560

2345

10

calc\_dac()

Call By Value Call By Reference

bcoz bidirectional

communication is

not required