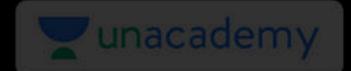




Default Arguments

Comprehensive Course On C++

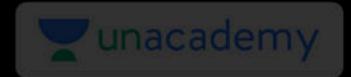


CS & IT Engineering

C++
Default Arguments



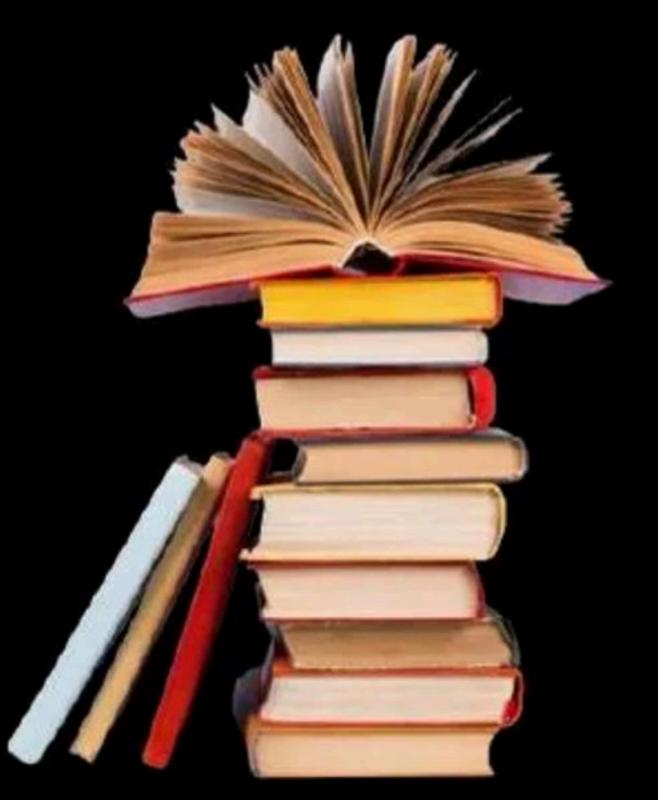
By- Pankaj Sir





Topics

to be covered



Default arguments

unacademy

> Refrence Vanable

 \rightarrow

C -> ij Formal arg. (ii) Actual arg.

unacademy

井、いていはとくましょう・トン

ink Add(int, int);
void main() {

int a=10,b=20,ons;

ans = Add(a,b);

bin1+(".1.9" ans)! crad.

Ì

Call by value)
int

Add ((int x, inty))

tornal avg

{

YCHOKK X+4;

7

simple variable | value type unacademy

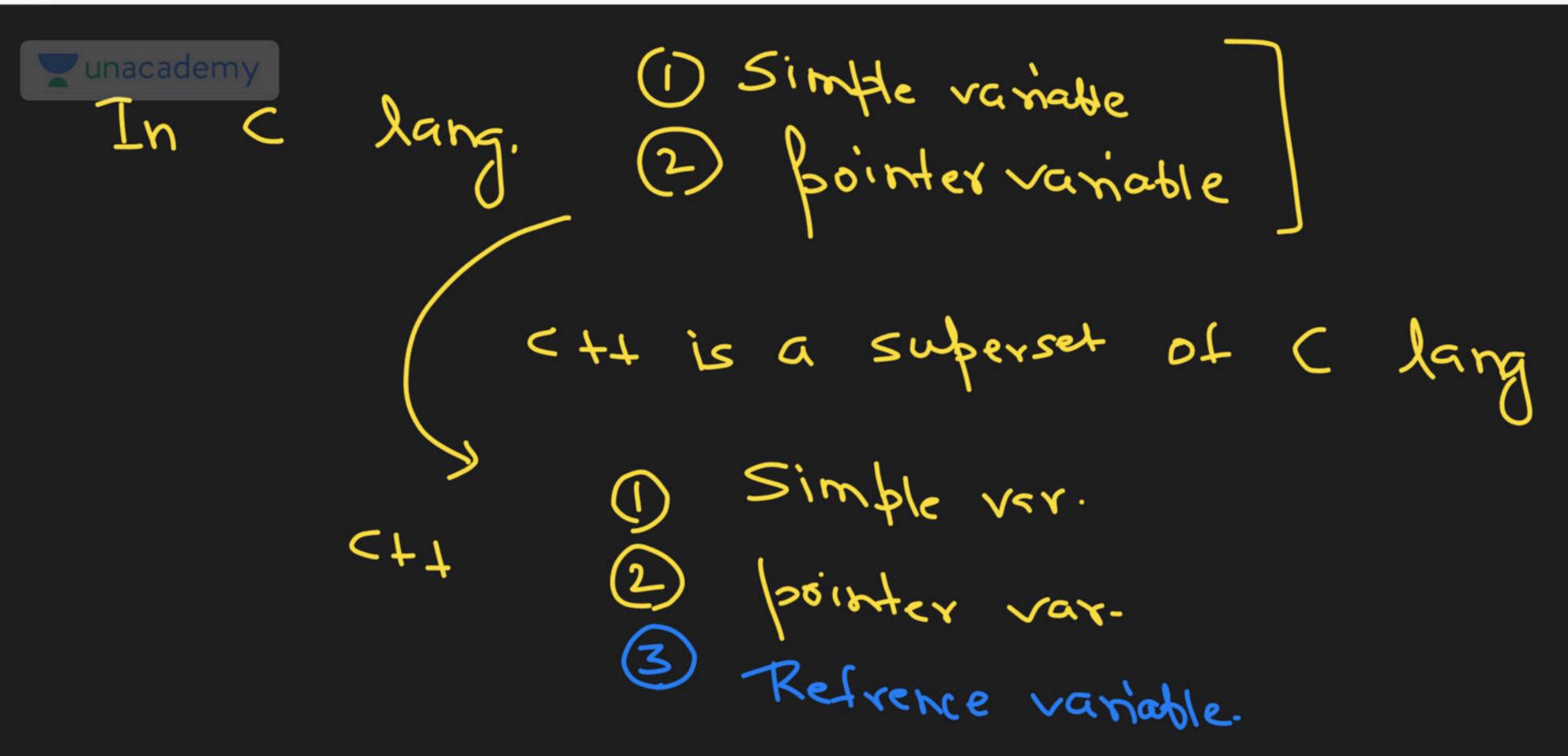
Call by add ress _

int Add (int *, int *); void main(){ int sum, a = 10, b=20; Sum = Adal (loo 26); printf("-1.d", sum);

int /tad (line +x, int ty)

return "x 1 "y

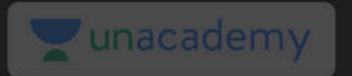
Pointer variable





Retrence Variable

int oc; int xp; ink & y (Not complete) 7 1s a retrence varable



int
$$x = 20$$
; $x (ldel)$

20

2000

2000

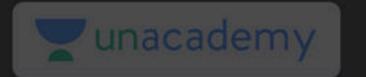
2000

Y is a retrence Aditya

Variable Sy is another label

(alias) (name) of x .

J retrence variable must be initialize (with some existing variable)



imt > 10; Physical storage X unapodemy can not change.

(2) 11 must be in

2) It must be initialized with some existing var/abject.

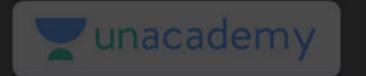
(3) can not be NULL.

Cadrubaçadadive int f(int,int); Void main(1 { int a=10/p=30'-; f(a,b); int f (int x,inty) & rehen xty;

Call by address int t (int * , int *); vold mainl1 { t (8ª, 8p1; = 7 int f (i ut * 1, i ut * 1) { int inspair

Call by retremes (IDF PA = P) Void main () { Int By= b 14 a=10, b=20; f (9,5); int t (Int bx, int by)

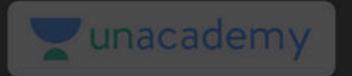
Call ph retreves Call by address Cade by cradre intt(int f'int); int f(int,int); int t (int * , int *); Void main(1) vold mänl1 { Void main () {. int a=10/p=20,-; 14 a=10, b=20; f (8a, 8p1; (t (2'p)!!) (f(a,b);) int f(Int lx, intly) int f (i ut * 1, i ut * 1) { int f (int x inty) & retire xty;



Lunction -> change > call by ret Call by val ve int a=10,b=20; cas ly value Linking (bf) ("1.2.1.d'(a,b); // care



linged list, trees 1 1 A [] A []



Ke Content Ko charge



int a=1,b=2; (int) & c = a, d=b;

a,b,d + int c + ref. variable.

initialized

must be

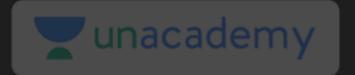
an object

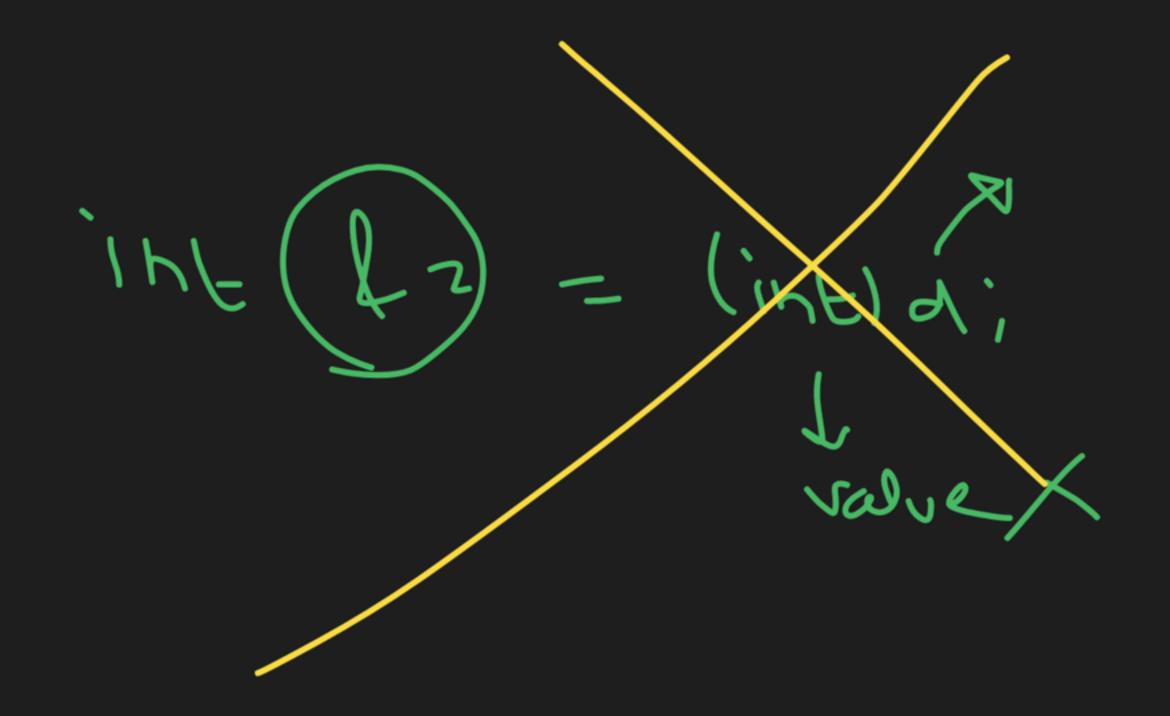
et same

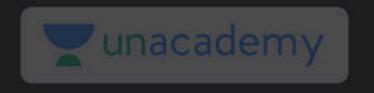
double d = 9.8;

Ervol

Emor

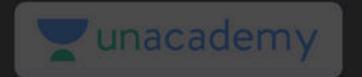


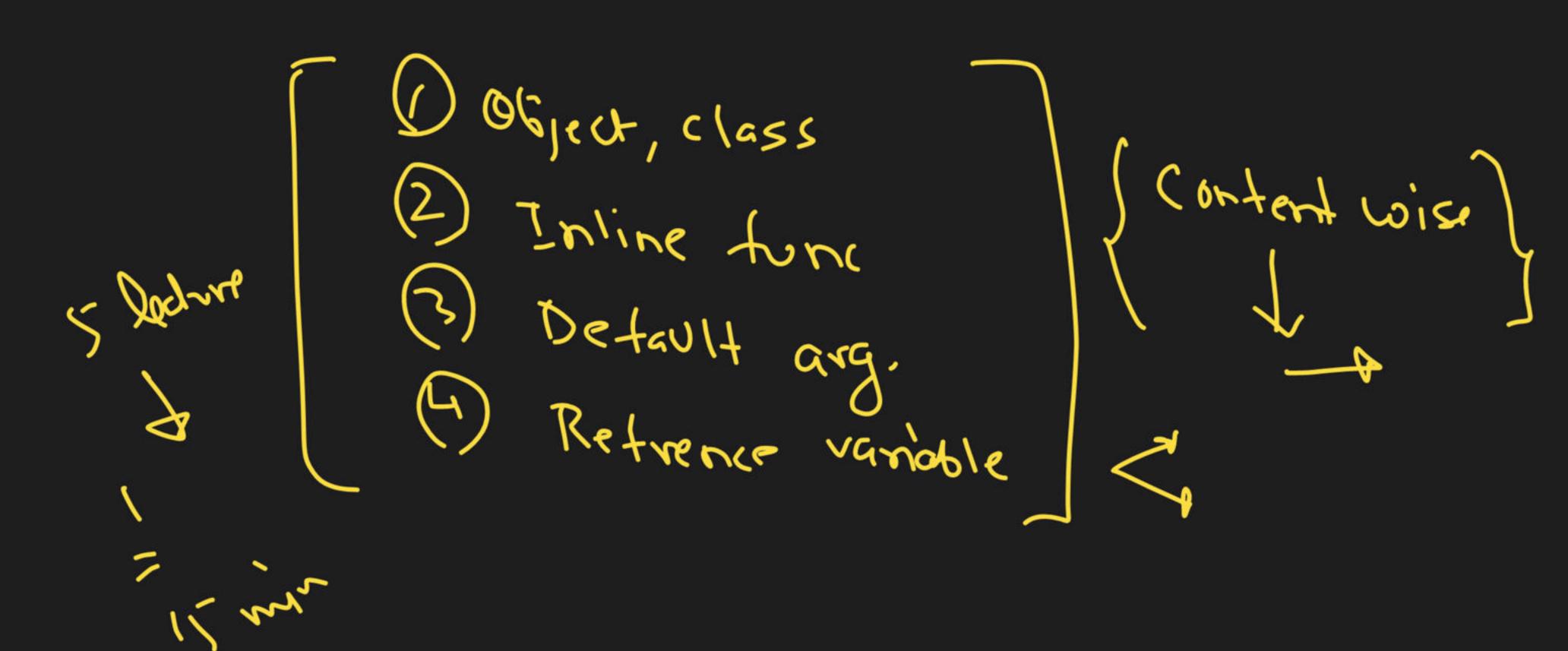




Retrence variable

- 1) It must be initialized with already excisting var/object.
- 2) Initializer must be an object/var. of same
 - 3) It can voor be charged (No divorce, No break-up)
 - (y) It can not be NULL.





int * x = & a; int * y = 2b; int x = 80;

Vold main() & int 9=10, b=20; f (la, lb);







THANK YOU!

Here's to a cracking journey ahead!