Lecture - 26

Functions in C (Part - 04)

> Incorramming in C

Call by Value: Actual value passed during function Call int fun (inta) {

= 1 int ) (= 15;

tun (x) (K = 15

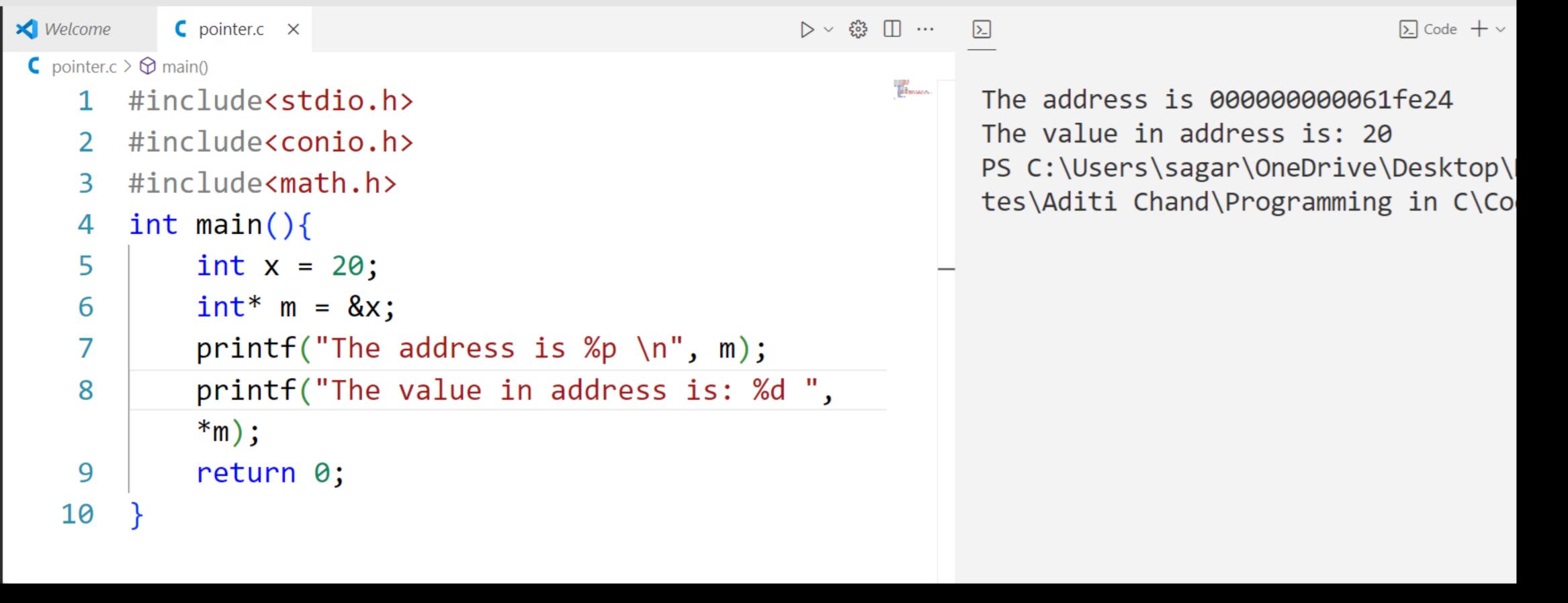
Void fun 1 ( just a) & a++; printf (" %d/n", a); main jet main () & int a= to j font(a); A Call > funt(a) > printf("%d /n", a); 10 Call by Value reby o; To

Are the variables that stores the address of other variables. main()  $\xi$  p is a pointer variable that is holding the address of x. int x = 24; int main () { jnt \* p = & x; & int y = 50; int 9 = &y = 200 jnt\* 9 = 4y; 9 is also a position \* Der eserciation operator printf ("%d", b); 4 Garbage Value

50 -

int main () { int x = 20; -> Addr of x = 5 01 int\* (m)= &x; > Pointer print ("%", m); frint ("%") 7mm - de-reference ont m on La Getting inside the address of m netum 0; 20 ール

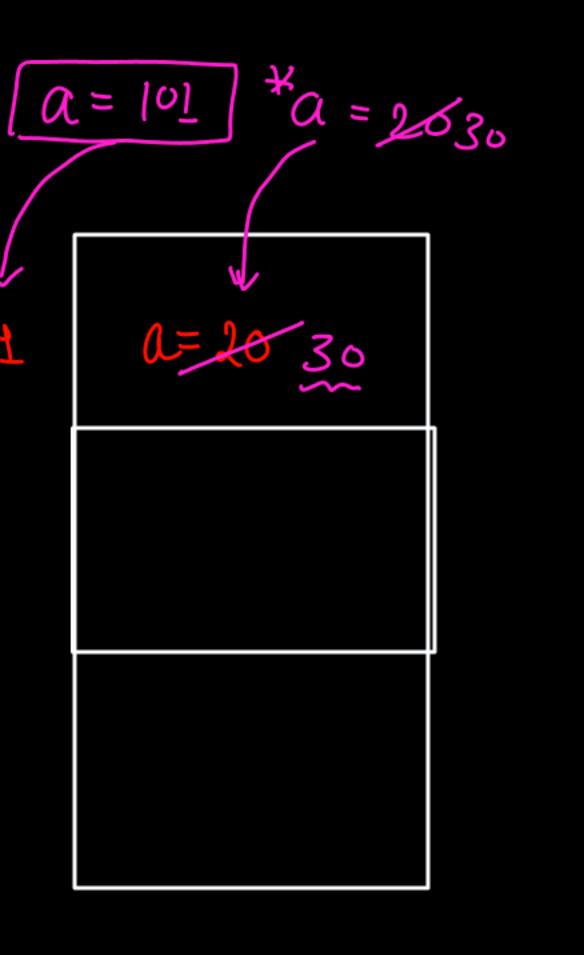
x ← de-reference



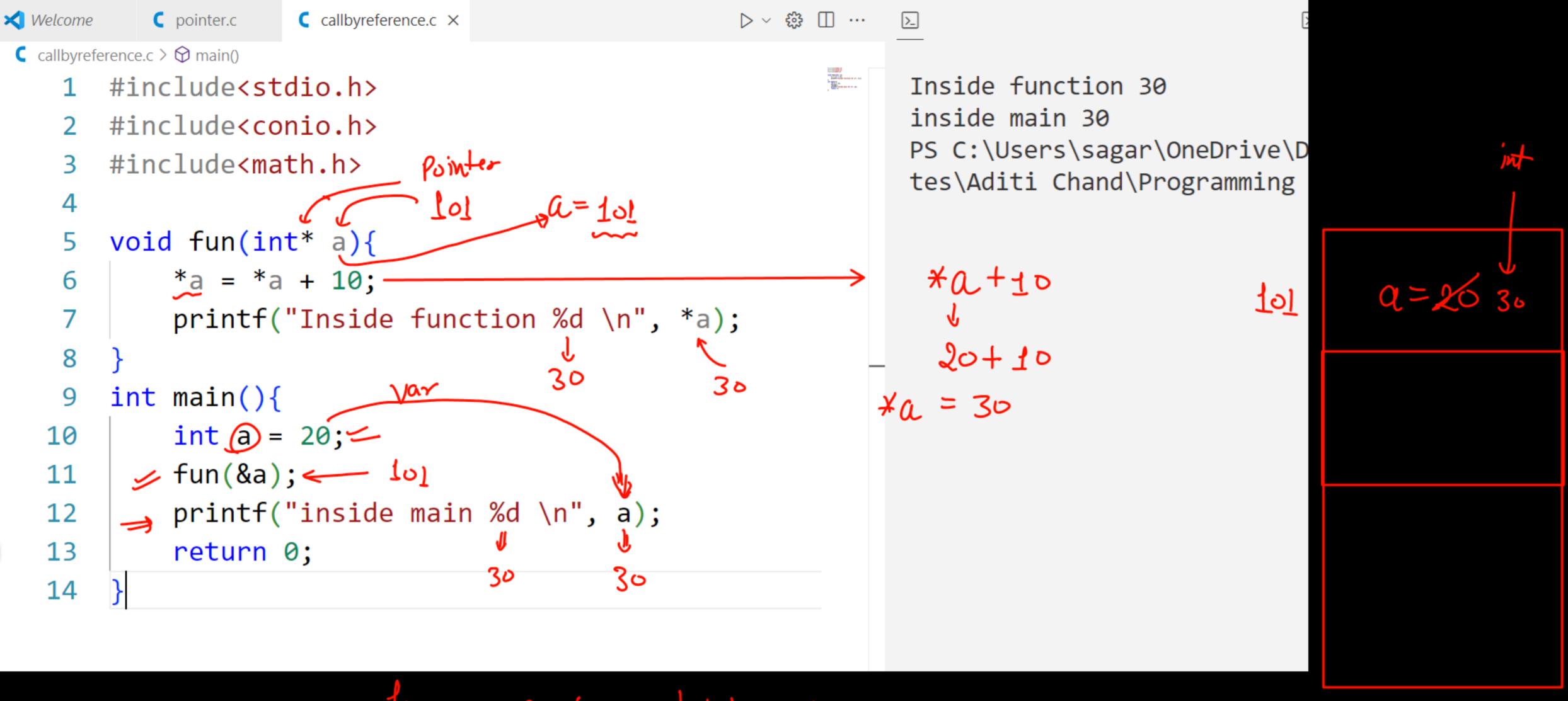
~ Code

THE EUR SELECTION VIEW GO KUN

Joid for ( int a) {  $*\alpha = *\alpha + 10$ ; \*a= \*a+10 print f (" %d \n", \*a) 20+10 = 30/ main () of int a= 20; fun (la): => printf("%d/n", a); return o;



0/P =) 30



main - a in a variable - J Both are different

DMorrow

- Jobal Variable

  Recursion

Storage (la sies)