Franction Punction +12e Ly pormal Punction -> Must used L Macro Punction - # de Pine - Used La Inline Punction Normal Punction Create Prototype [ Declartion]

Function | Veturn tipe Punction Name (Arguments);

La write Prototype - before Hairs In header Pile 1 Inselemention [ De Pinition] return +1De Functionpane (Dryvments) q cades Lar Mane La write Prototype - After main in source file 3 <u>All</u> — Used Punction Hame ( Saraneters), La Call for Punction - in Side Hain Punction Or inside other Punction

return La return - s key word - s Tunction -> value. Le return one value only - type (void, int, Ploat, char, Array, double) void DisPlay (); 1 ) niem fri Consilation error -cher x = Display(); (Irguments) (inPuts) Lo Can Punction Not take and in Put La Confunction take one input or Multi input L3 in Put -> Declaration for var Datatype InPut Name, Datatipe IN La @ inPut type \_ O char @ int @ Plact

(4) double @ struct @ union Call by value De Pointer (int \* X)
De Array (int arr [])
De Prinction

> Oll by Reference (Address)

context switch

int sum (int x, int x);

int Main ()

int No1 = 0;

int No2 = 0;

int Add = sum (No1, No2;

int Add = sum (No1, No2);

Print P ("Add = Yd'n", Add);

int sum (int x, int y)

yeturn x+7;

yeturn x+7;

Context switching (Run time)

be Por GUL - Processor

store Por Some var

La PC - Program Counter

sop - Stack Pointer

La CP - Sener Purpose

Register

La var store in Rayn

in stack section

La local for this

you

Menor & Dandle

int Add (int x, ints)

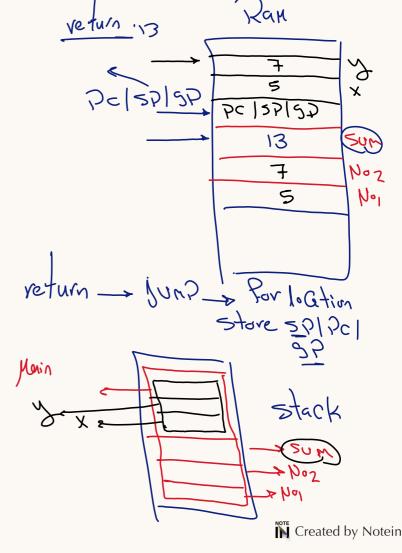
int point ()

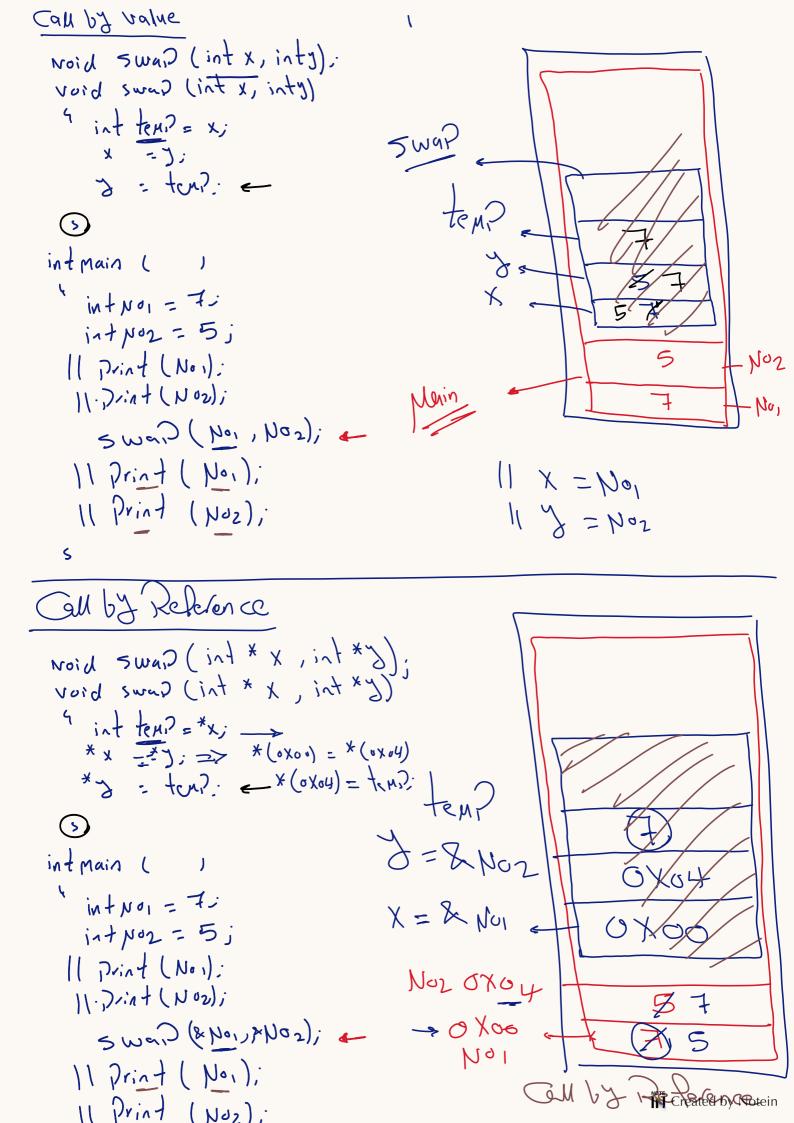
int point ()

int point ()

int sum = Add (No, Noz);

return - will erase I Function Block





Gul by reference for front void San (rary (int arr [] - Consider - Dointer ۵ in flair () Y mt wr [5]; 56n Arang (ar, 5) 0X08 5 c Punction Add 2 546 & Multi Portwo variable