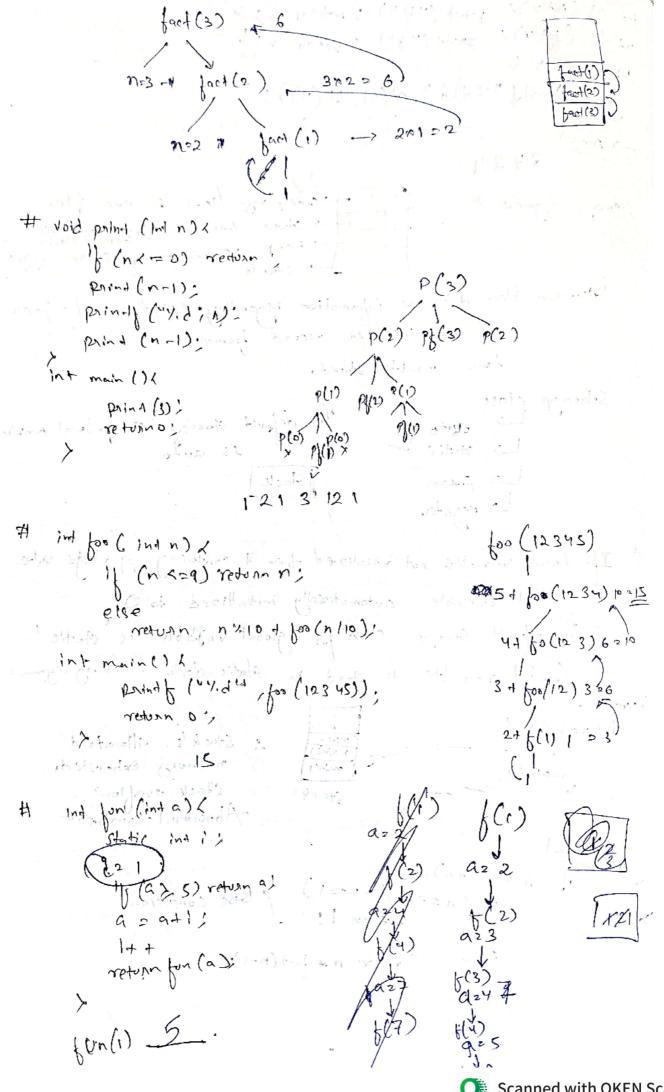
Em of 15+ 5 5+3 --- 410 5 1+2+3+---+n = $\frac{n(n+1)}{2}$ Function declaration is could function prototype. Function call is called invocation. If prototype is not defined and directly defination is given return lint. Then it is assumed by defect function return lint. Consider the Cang. Eng. below which is mount to divide & byy using repeated substruction. The variable 7.7.9 and r are all consumed int. oneignedint. 9 = qualent 12 remender. 7=7-7; 3 divisor .! x 2 divident cohich of the following conditions on the variable x, y, q, r before execution of the fragment will ensure that the boop termnortes in a state satisfying the condition n==G=q+0) 4 x = 3 ady & 10 R= 01, 970) 2221 Hy mhorse or to father vertol

Int al (int 2) / Print (474); section 7 / Ind P1 (Ind x) x build (1811) i seturn xi) Int main () 1 prind (" x dxd ", a1(2), 61 (4)); -> Code page /tent & exe. file. Memory Segment > Heap -> Dynamic memory Allocation multiple (colloc) Activation Record: The information regarding execution of a fundia. its mainstrined in second formation Local Variable Stored. The default storage class for Local variable. 1 Stack () Entern L) Register. # If Local vertable not inHallzed then I contein garbage value global variable automatically mitallized to 0" The default storge class for global variable is static! Globel randable 11 stood in static dorta in Momon segment Decension int main, () 1 . Stack's allocated memory exhausted. Abnormal termination. Stack feeton al if fect (intr) / Base condition. retor no fact (n-1);



Scanned with OKEN Scanner

Experdate Goise & compller altocates register register (At 1= 100; storage class. extern kaywood In file system: extens kgrowd dr global variable extern intail 1n+ a=5 2/ not declaratefine / greater scopes, and TOH (L, M, R, 30) # more 3 disk from L to Rusing M. sit (n) o) of TOH (L/R,M, D)n-1) I'me disk in I will get exposed and move It to R) TOH (M, Exx, n-1) TOH (L, M, R, 3) (TOH (M, L,2R,2) -> R TOH (M, R,191) M-> R, TOH (L, M, R,1) TOH (R, L, M, 1) TOH(L,MR,I) L->M レーンス (70H(0) R-> MTOR(0) [OH(0) 1 TOH(0)

Pointer -> call by reference. Noil for (Ind at); Void foo (int a ptr), int main () L of pt6 2 of par + 10; int a010) foo (&a); In Case of Coll by value, the actual parament ant the formal parsameter is different, if we do any change in function in change will be In Call by reference as the powder is limited with actual parameter, the value gets characted. # Void ((M or) And m) & M. S. (1) HO return; Int 1 = 5, j=103, 8, 19 1 (1000 1 (ki, j); (Parint (14) / 500 20410 M. 18,4) HOT A lint av (Int a) "Pro 1 int " pp2) } ** pp z +2 1 ; z = ** pp 2 ; 1 P7 +22; 82 P7) return 147+2,) rold main c) & b, 800 a / int c/ & b, 800 a / 24 / 626 C/ C2 & 6) 24 / Ce, 6, all;

