

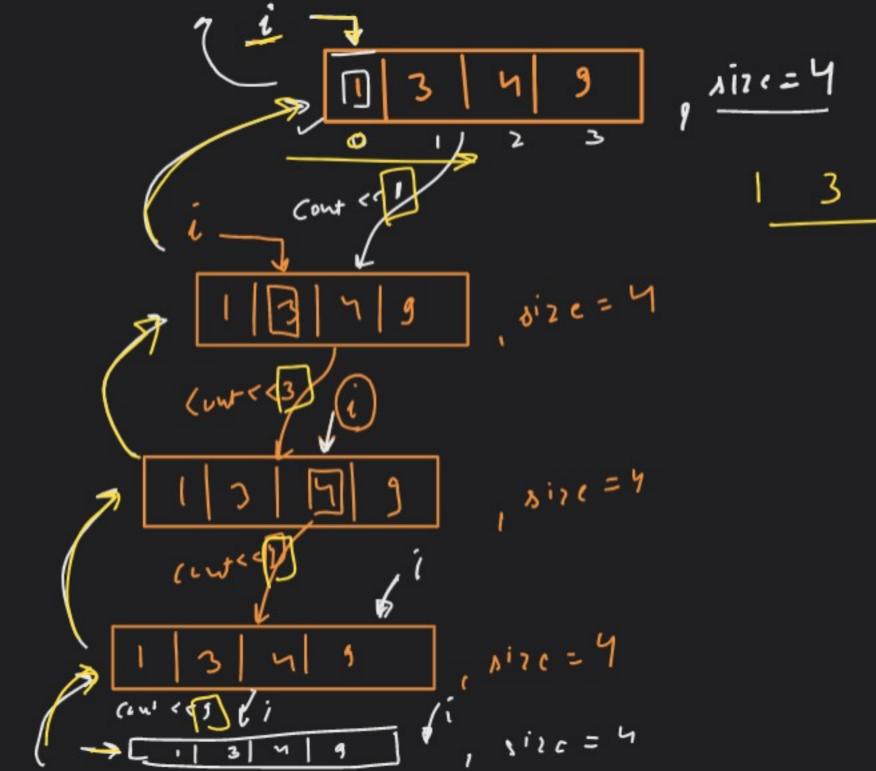
Recursion on Arrays & Strings and Doubt Clearing | LIVE

Special class

Arrays d Strings Rechosion -J' class -> what is Recursion? IR.R mandaday > print Inc -> prit Dec -> print Dic de Inc optional - print In Loui-Mr Hw - Mene Tail array =

Recursion on Arrays:ip - aur - { 1, 3, 5, 9, 7} Print avray 1,3,5,9,7 index (arr, 0) -> arr, 1

Void solve (por, inden), stre) 11 Base Case if (inden = = size) (out < our [indon]; solu (aux, inden + 12; sire;)

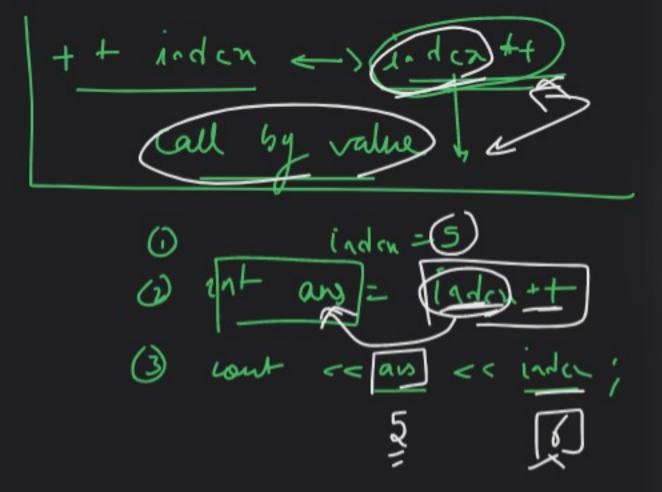


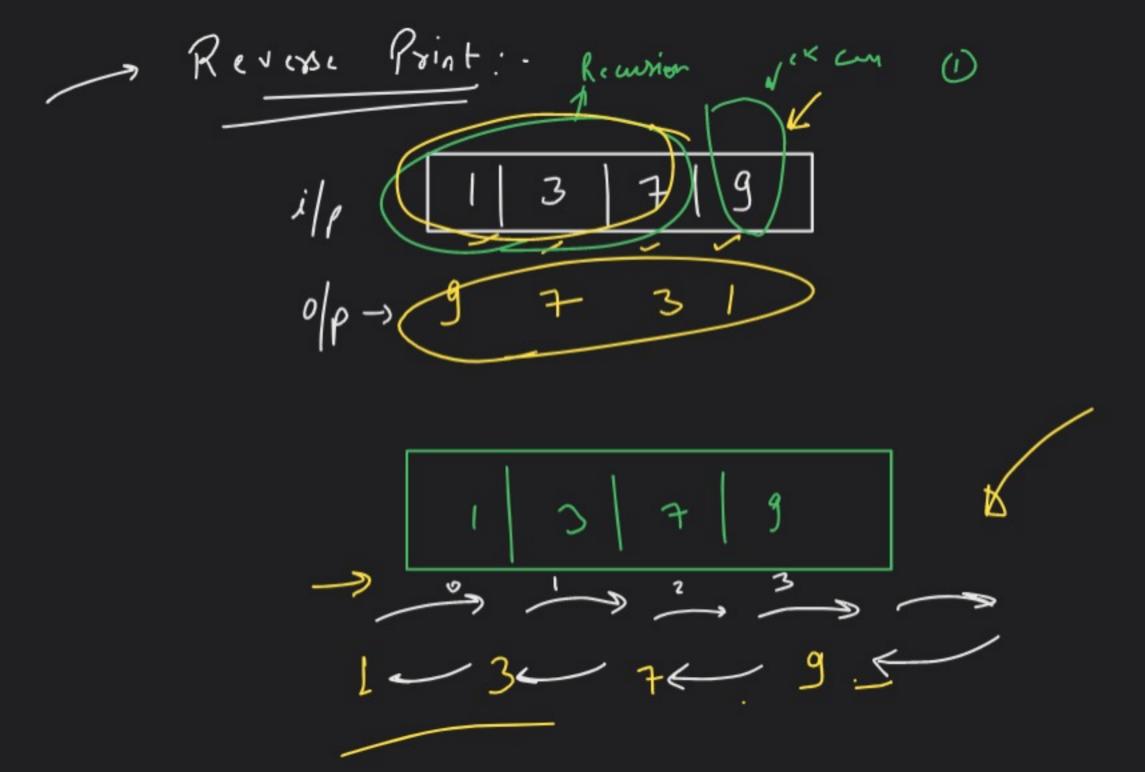
113/1/2 solu (aur , Z, hl void 80 lve (avr, 0, 4) solu (aus, 1, 4) il (z = = ~) rotun; if (i = = size)-1 c if (1==4) (out < ran(?) return; (ont < = au [1] cont < , on (0); ; Solu (au, 2+1,7) solu (aux, 1+1,4) John (NOT, D-1, sire) void (au , 3, 4) Jail (solu, 4, 4) (i/(3===) 2 1/19==7/ norm, (8chury (out < aux (3) 3 sile (m, 31, 41)

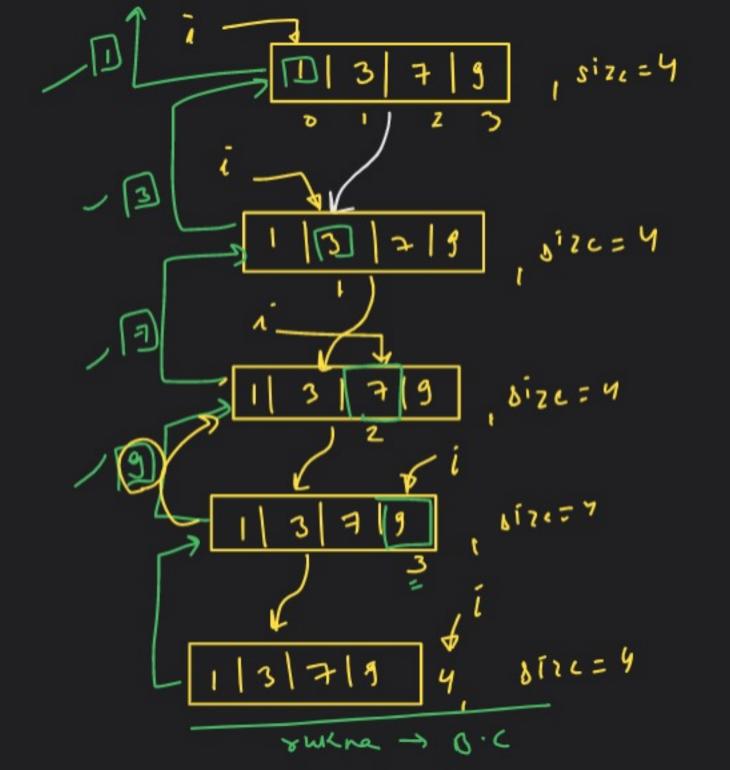
print (our, size, size-1)

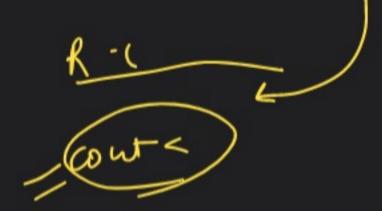
(our +1)

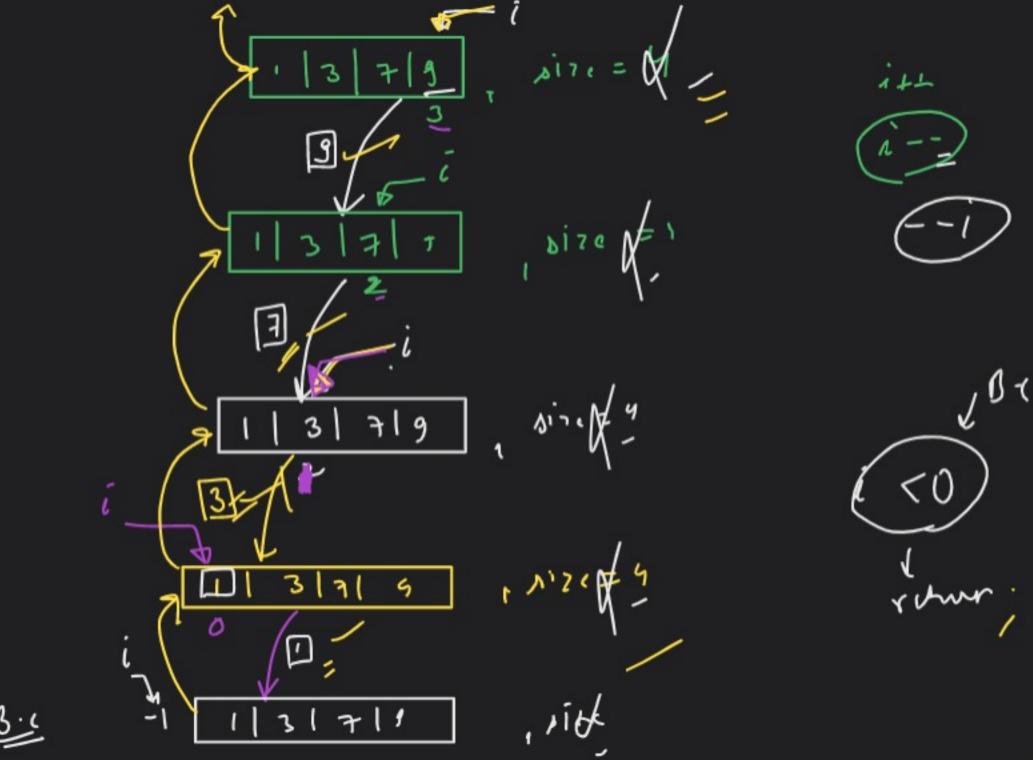
> Reverse print!-

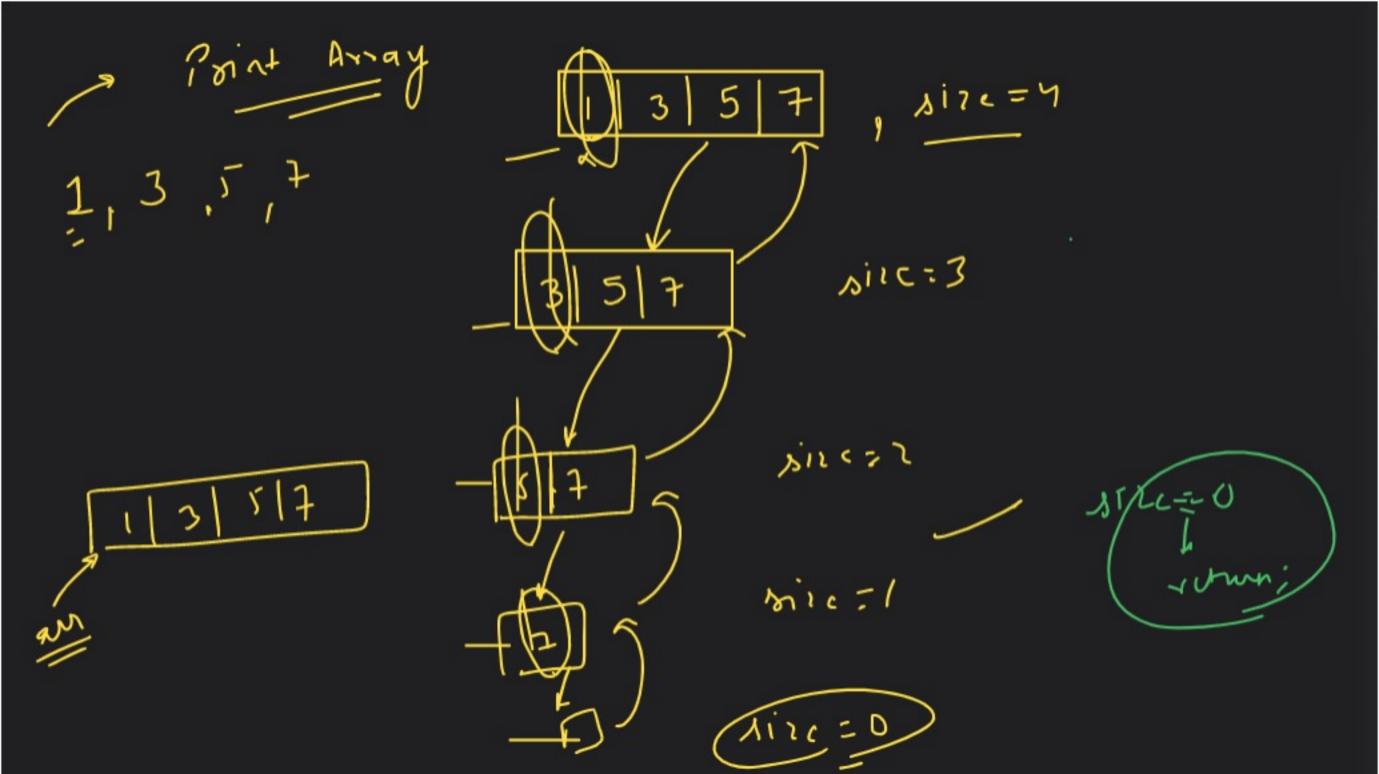


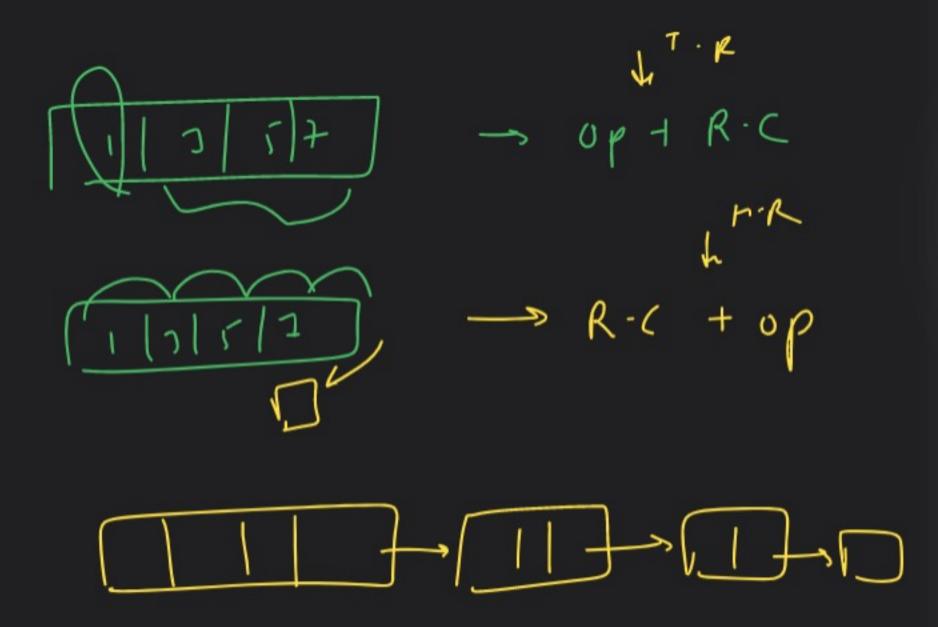












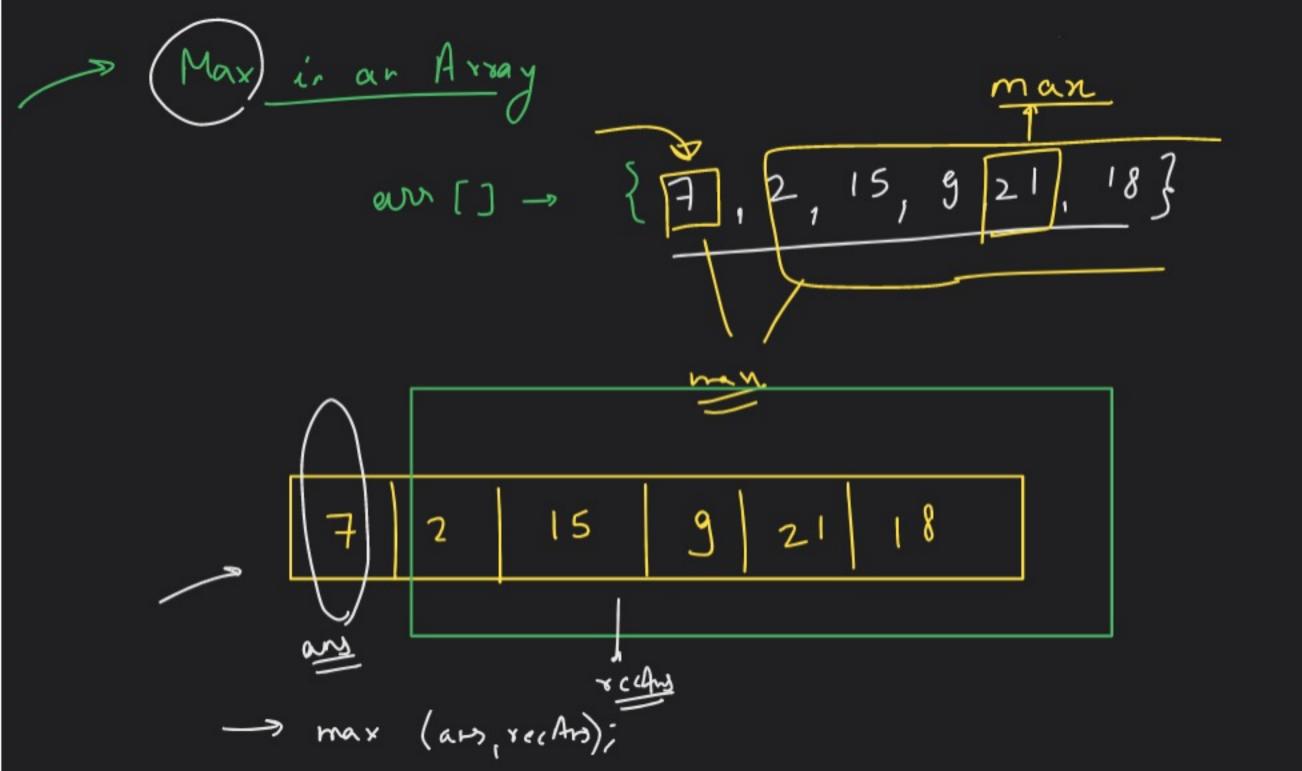
int are () = 41,7,5,7] ar arr +1 W2+121

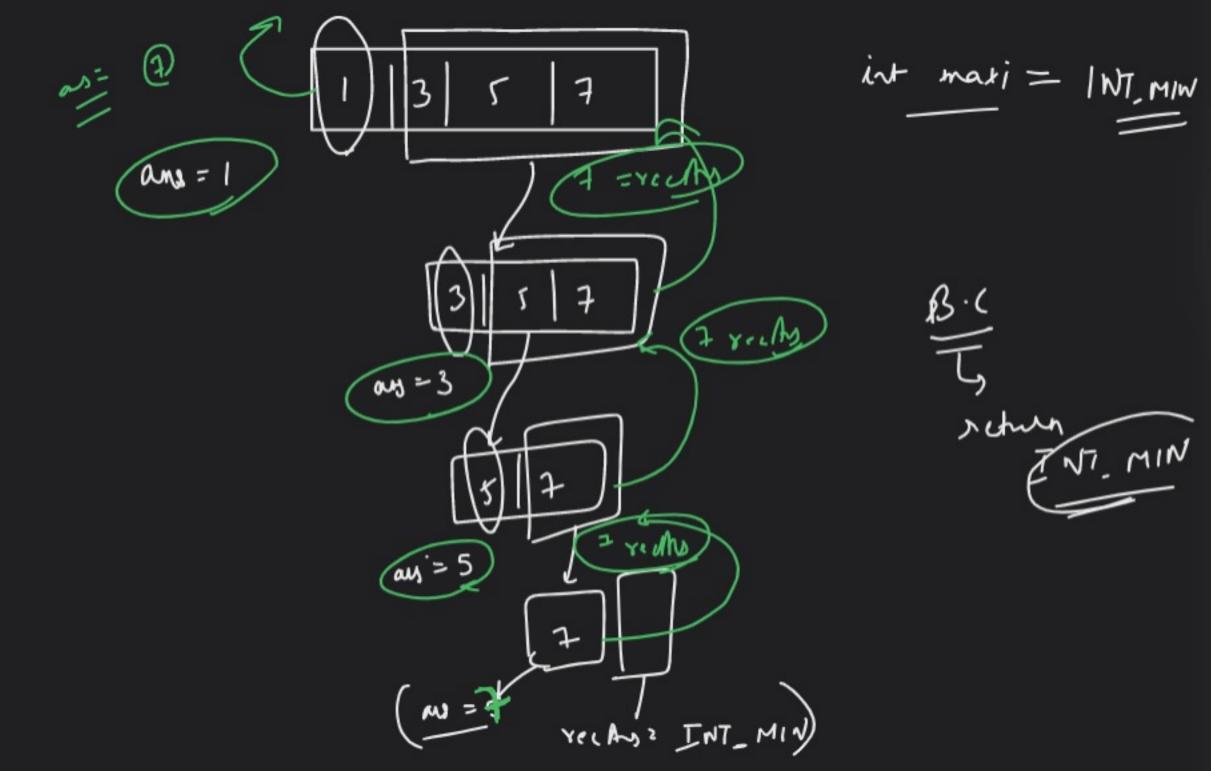
Symbol table

av -> 500

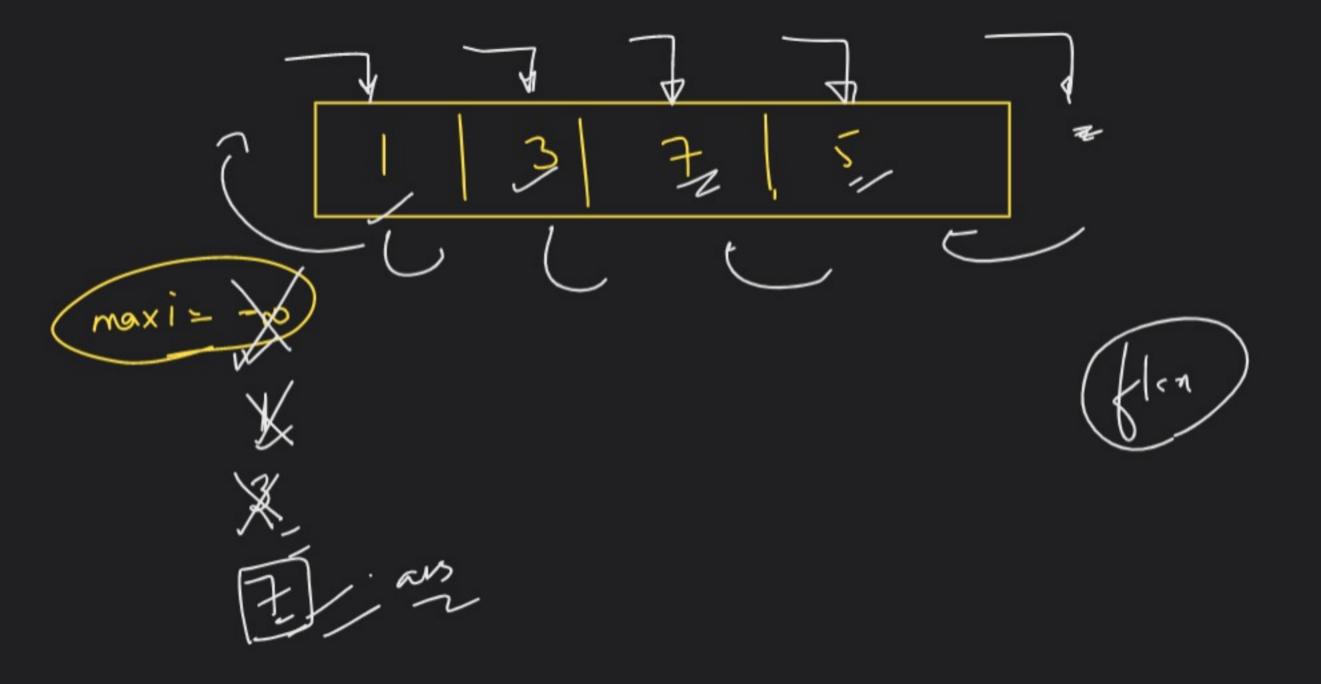
(33)



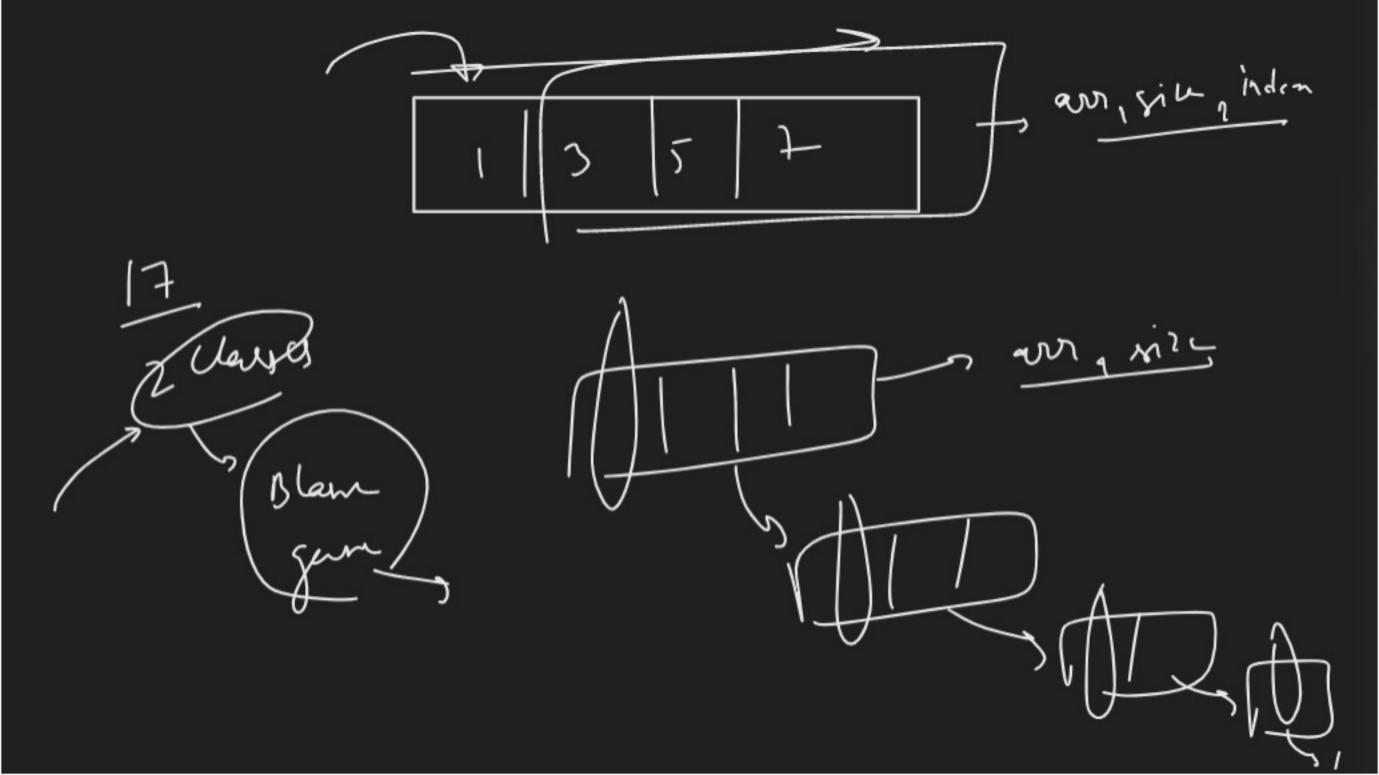


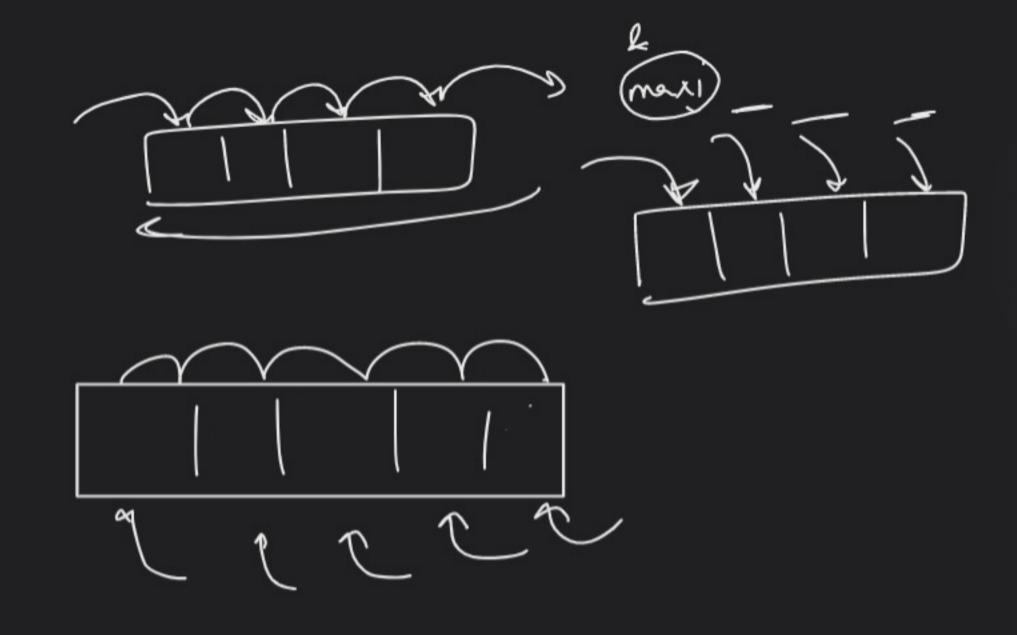


-> INT_MIN) solu (int and (), size, inden, if (inden = = xize) (maxi =) max (maxi, aur (index)) solu (aur, »ize, inden +1, maxi)

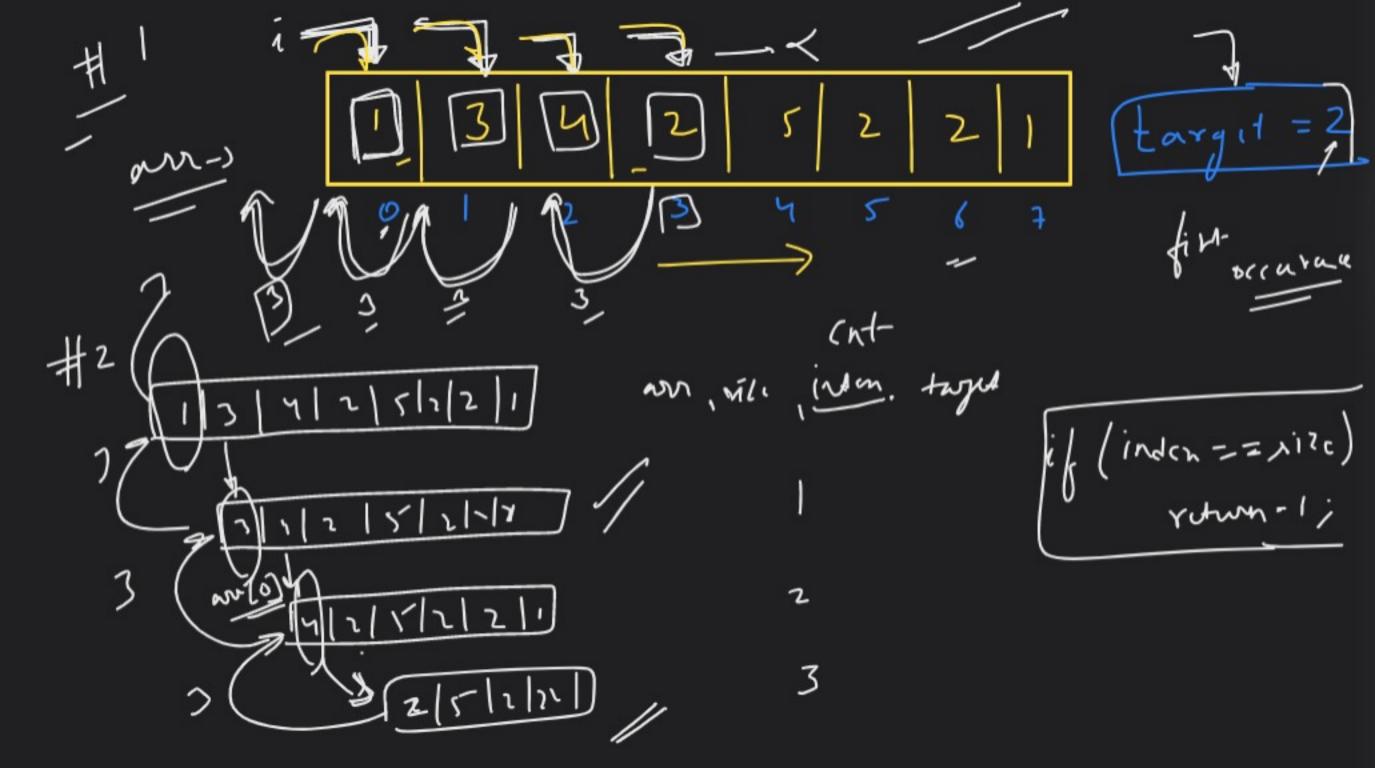


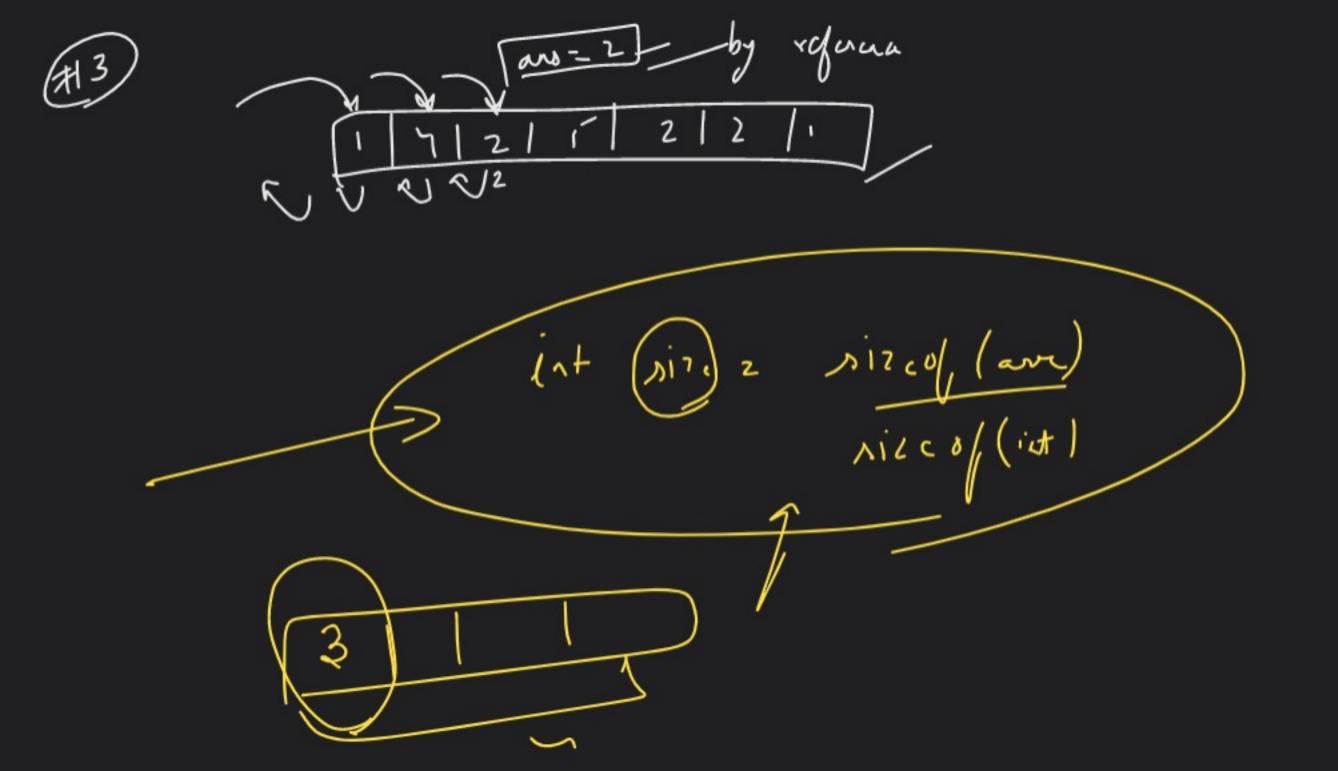
s call by value main() solu (int n) int n=5, 3 solel from " 5 عه ابد (n) solu (intd m) mair () int h Sole(n) 1 (n++) ny 2 m ~

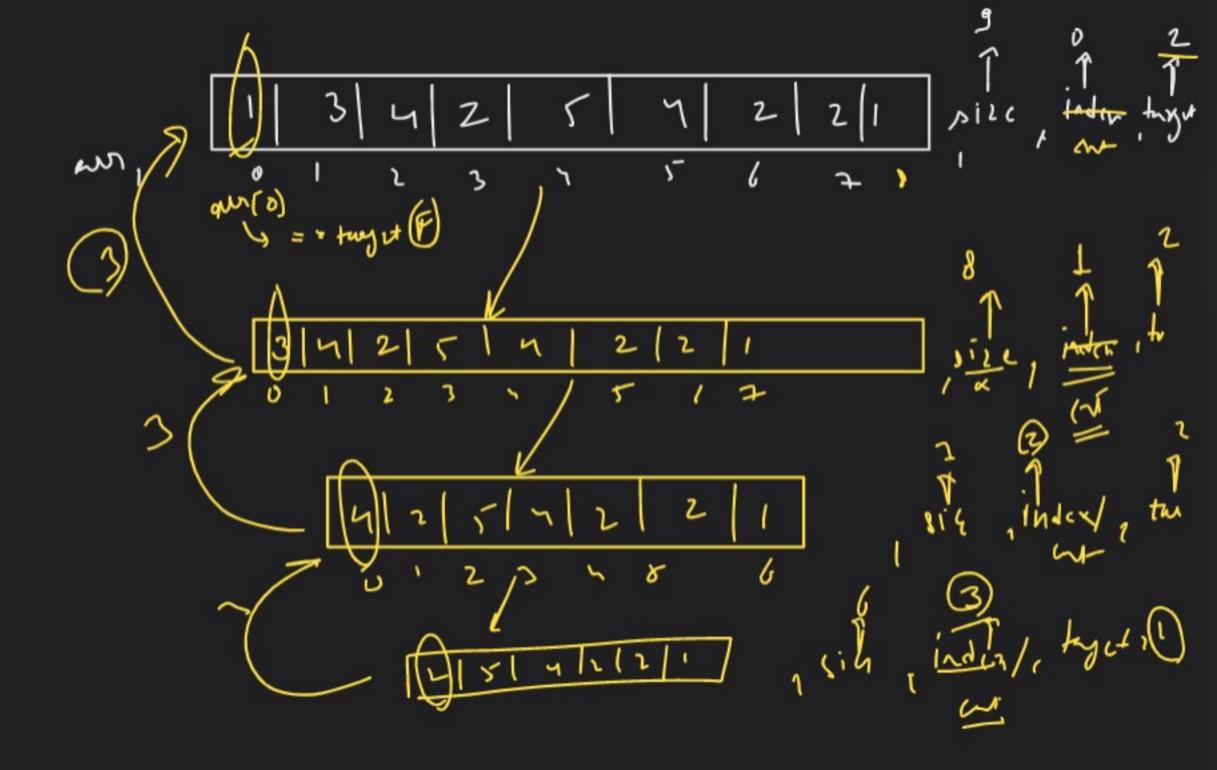


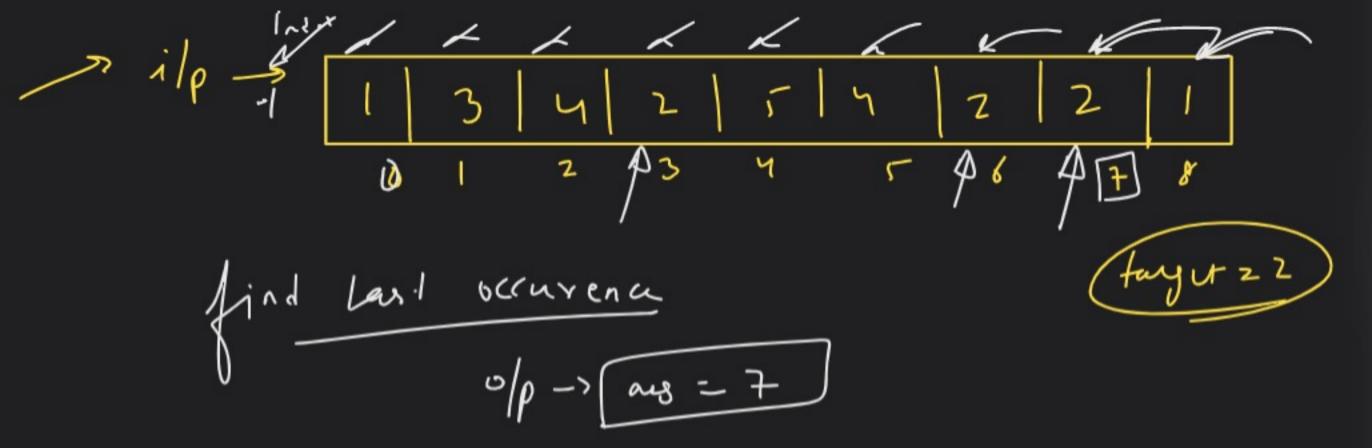


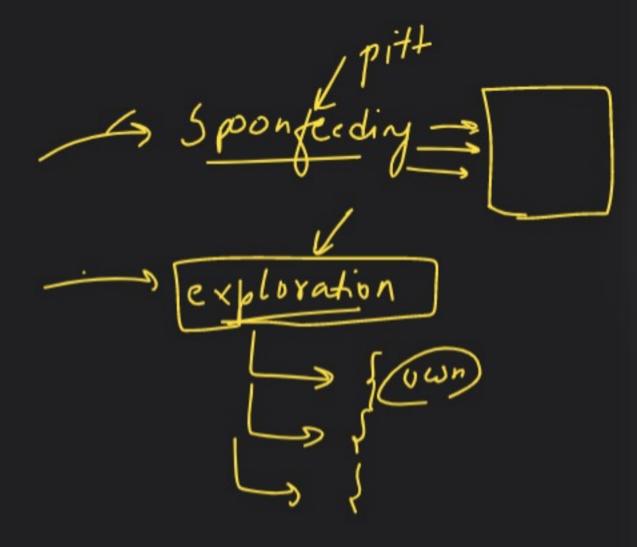
1 3 2 3 6 4 3 ip -7 2 43 0 target = 3 find the first inden of tanget fint occurrence
of target ans -> 1 Binary 14,2,365 1 D 4 tary et = 4 [2]

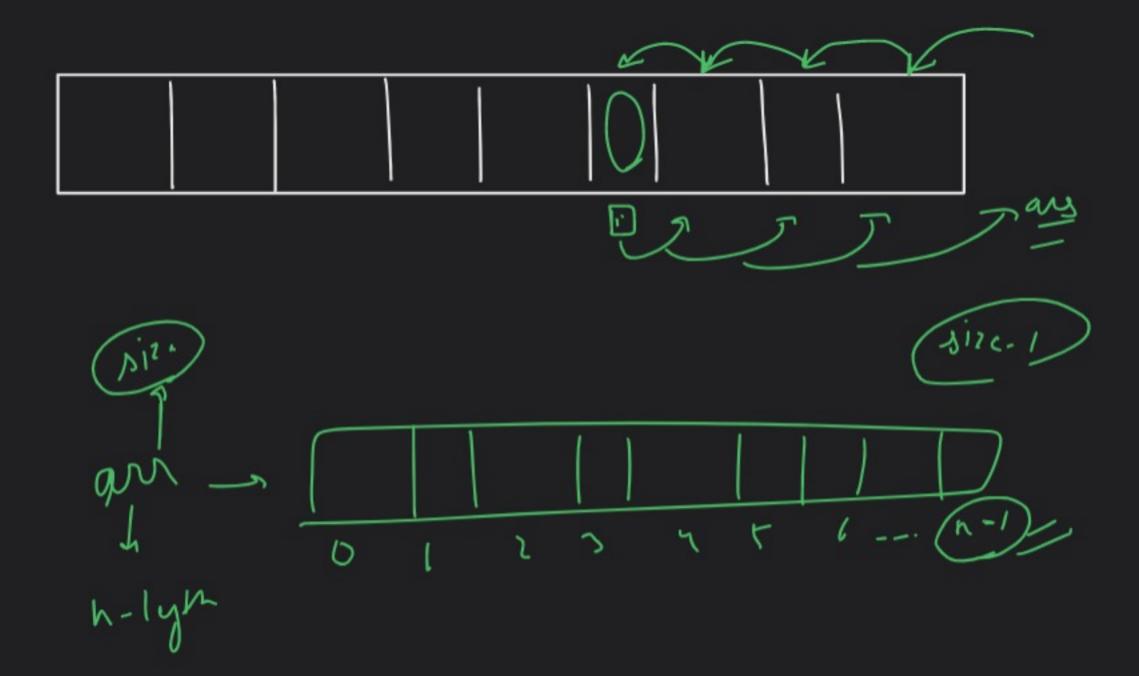












10 find firt occ D find but own 3) find all ormera

2 z Z 2 3 ap proach bech

point Arrany >> xwers: Print - Max of an Array fint Da last occ = W O((

