- 3. Tyears

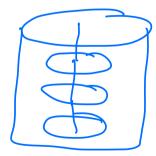
Heshan Seksaria -1.5y gfg

IIT GHU MnC -2y scolor

Wooddaant CHFT)

Google SwE II

Last In First out OR First In Jack out

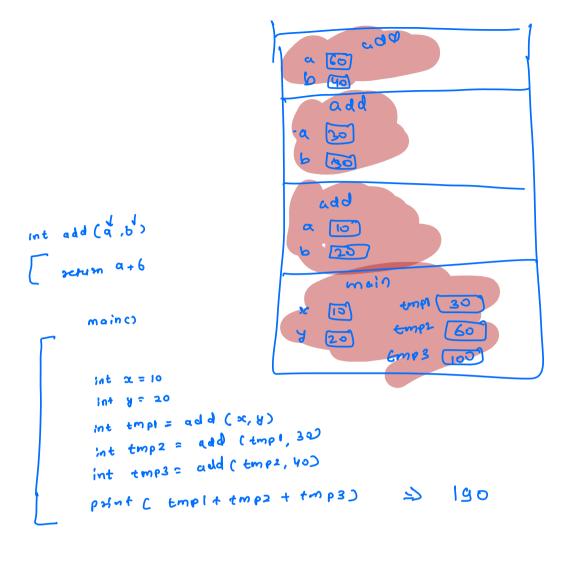


Keshav

```
ıa
                                       8 20
                                       Product
int sub (x, y)
                                      20 [13]
     reum x-y
int product (x, y)
                                        add
   return x * y
                                      9 [10]
                                       620
 int add (a, b)
                                        main
 Ferum a+6
                                             tmel 30
                                      X [10]
                                      8 20
     mainco
     int tmpl = add (x, y)
     int tmp2 = product (x,y)
     int tmp3 = 3 = b(x, y)
                                            emp2
     print ( timpl + timp3) => 220 timps
```

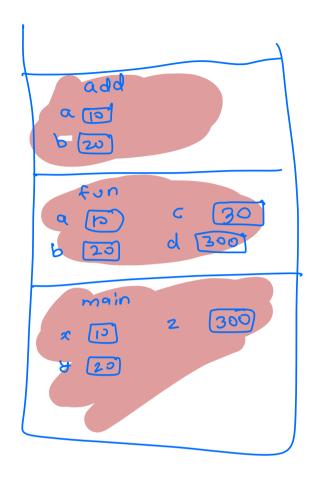
SUB

.

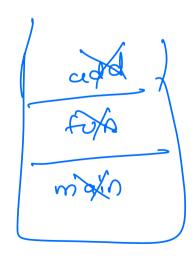


int add (a,b)From a+6int fun (a,b)int c=add(a,b)int d=10.czeturn dmaincy

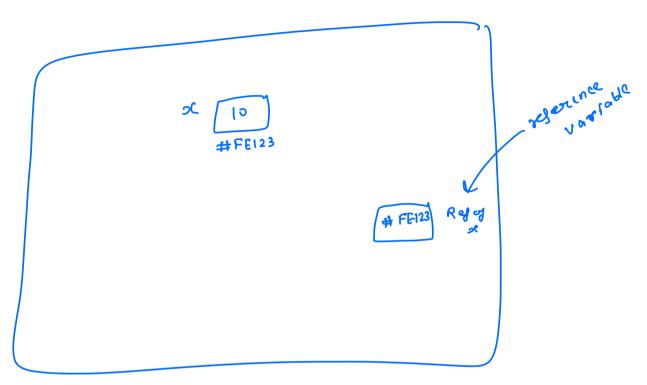
int x=10int y=20int Z=fun(x,y)pant (z) =3 300

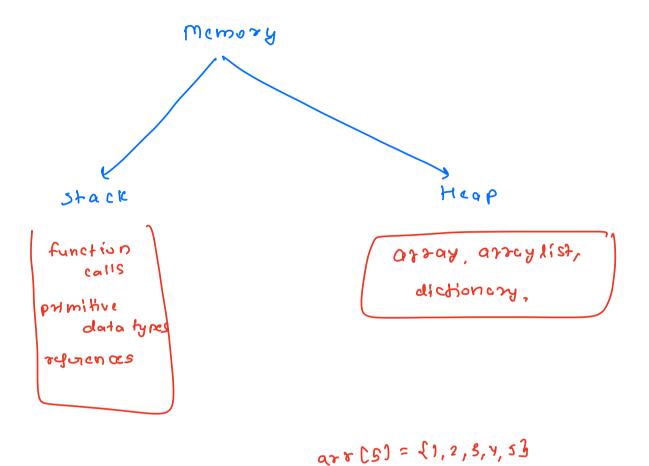


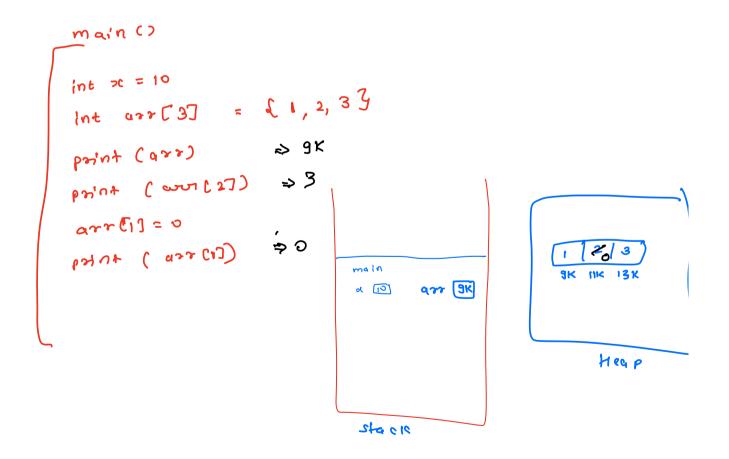
stack memory

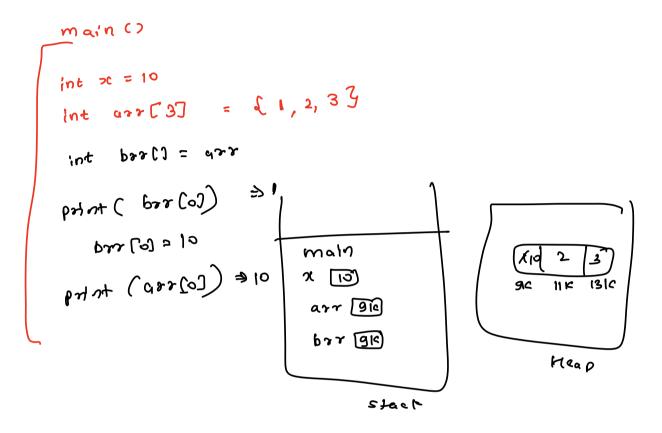


Rejurence / Pointer.



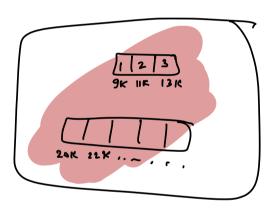


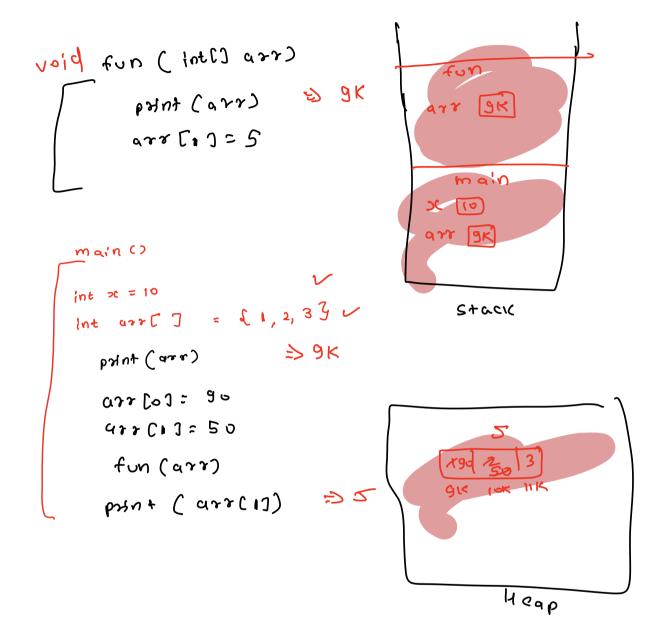




main ()

Int x = 10Int $arr[] = \{1, 2, 33\}$ print (arr) $\Rightarrow 9K$ arr = new int [5] arr = new int [5] arr = new int [5]





mat = [[0] * 4 for _ in range (3)]

maines

float y = 7.84f

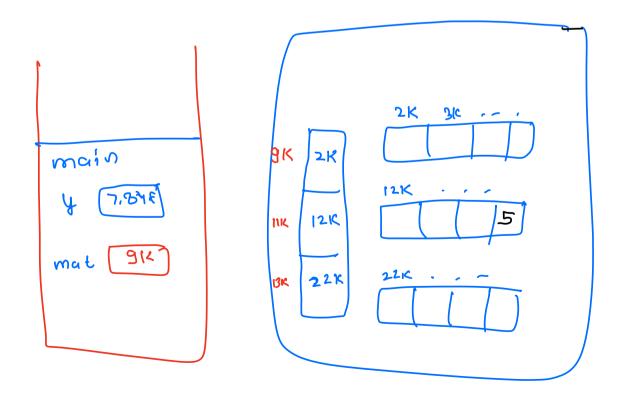
Int()() mat = new int(37(4))

Print (mat) => 9K

Print (mat(17) => 12K

Print (mat(11(31)) => 5

Heap



12K

```
Sum of Row (Int () arr)

print (wur) => 2K

sum = 0

for ( iterate array)

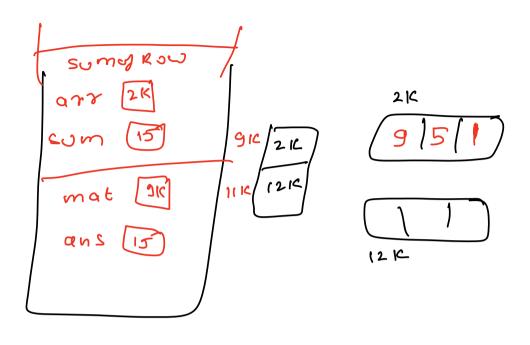
{ sum = sum + arr(i)
                zehim som
     main ()
int mat()(): new int (21(3))

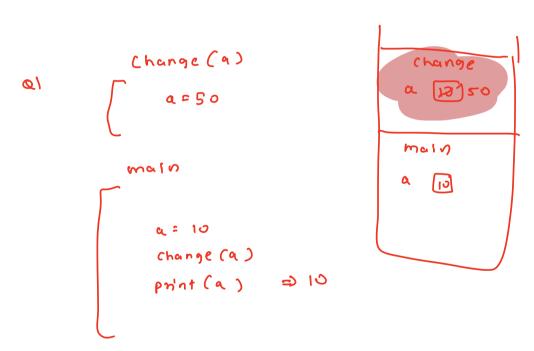
mat(o)(o): 9

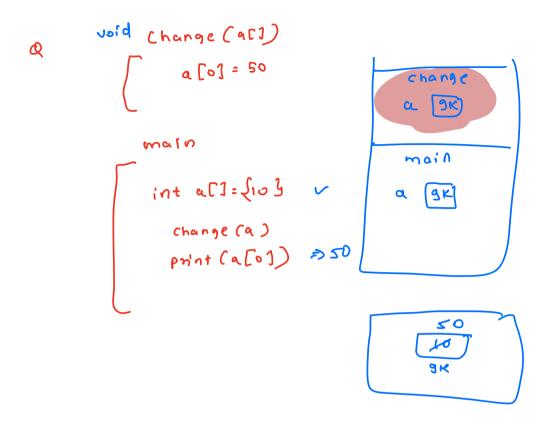
mat(o)(1): 5

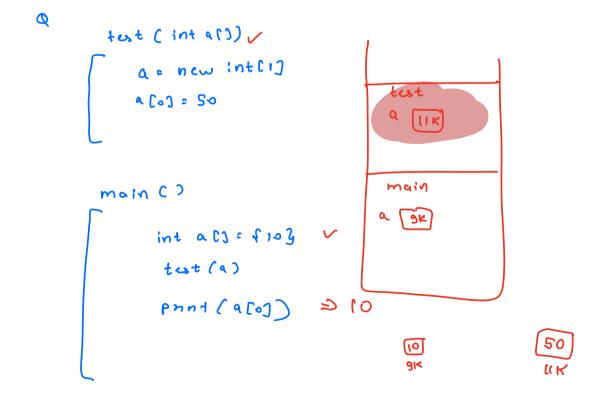
mat(o)(2): 1

(nt ans: 2 Sung Row ( mat(o))
               Print (ans) =) 15
```



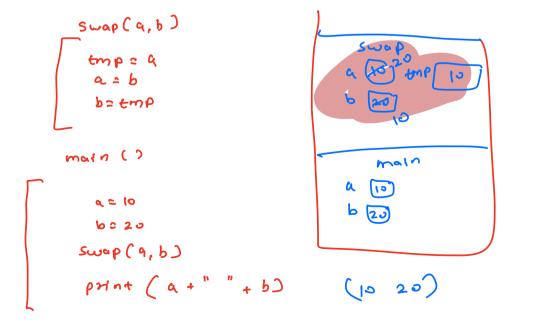




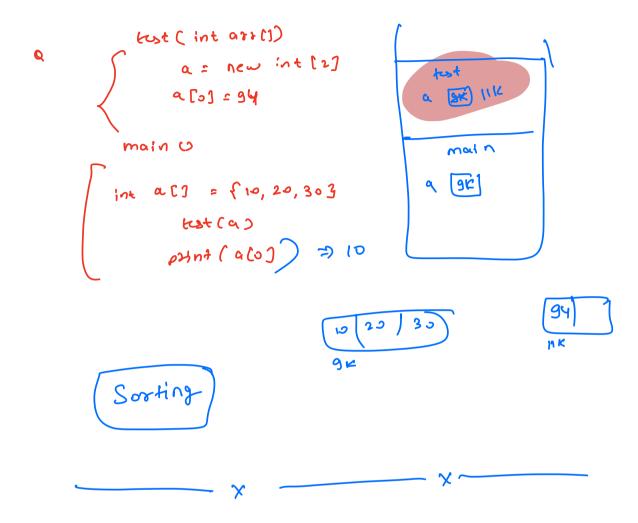


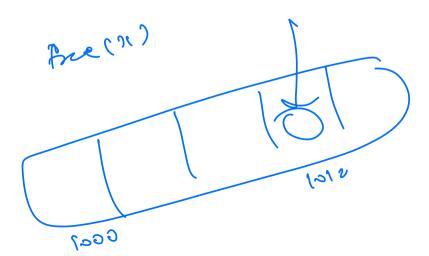
Ø test (int all) as new intil a [0] = 100 main () main int a [] = { 10,20,30) test (a)

Print (a[o]) => 10



Q





ar r (3)

1012