

count of total suballay in on away of size N subacry starting from 0 -> # count of subang  $\Rightarrow N \times (N+1)/2$ printsubaccey ( Int statt, int end) for (i=stant; i<=end; i++)
print (au(i); int sumsucaucy ( int statt, int end) for (i=start; i<=end; i++)

sum += arrlise return sum

## o punt all possible subacceye

0 1 2 A: 2 8 9

			0 1 2 3
ی	ဇ		y 1 3 6
0	<u>0</u>	[2]	(010) (011) (012) (013)
0	2	[2,8,9]	(1,1) (1,2) (1,3)
1	4	(8)	(212) (213)
L	2	[8,9]	(3,3)
2	2	[9]	
	1		

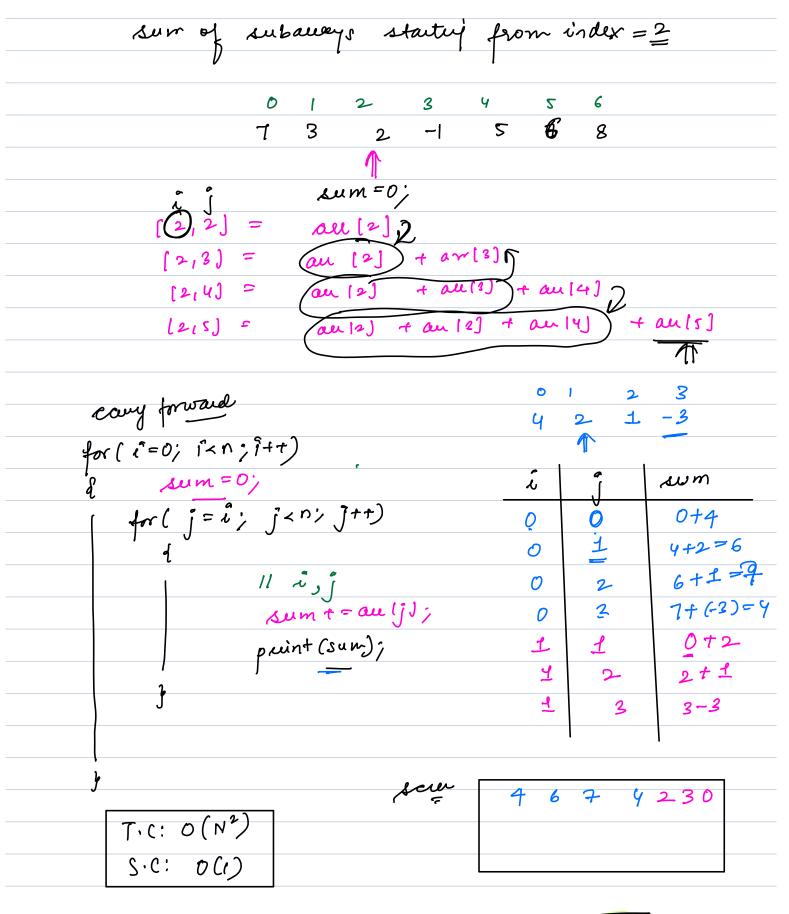
// first fix starly pt.

for ( i=0; i<n; i+t)

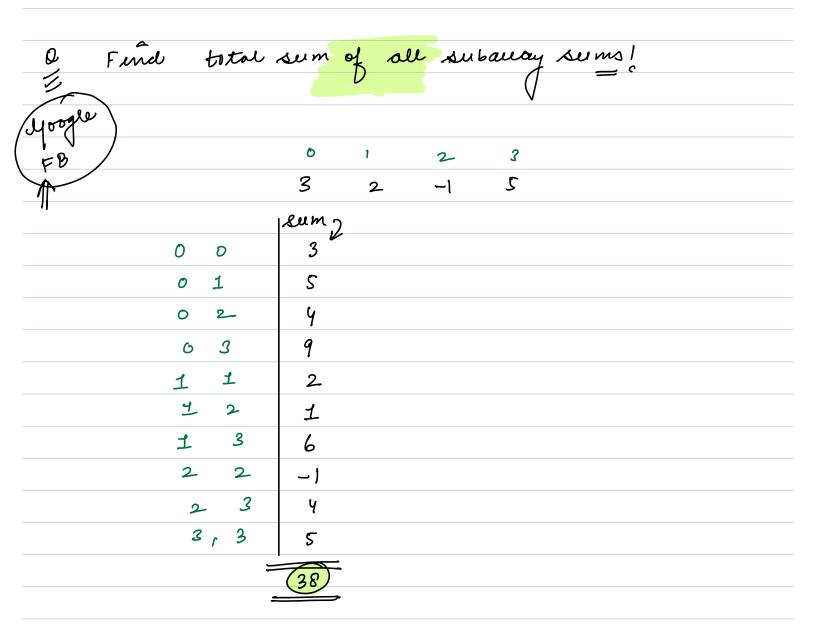
T·C:(O(N³))

[can't reduce for further)

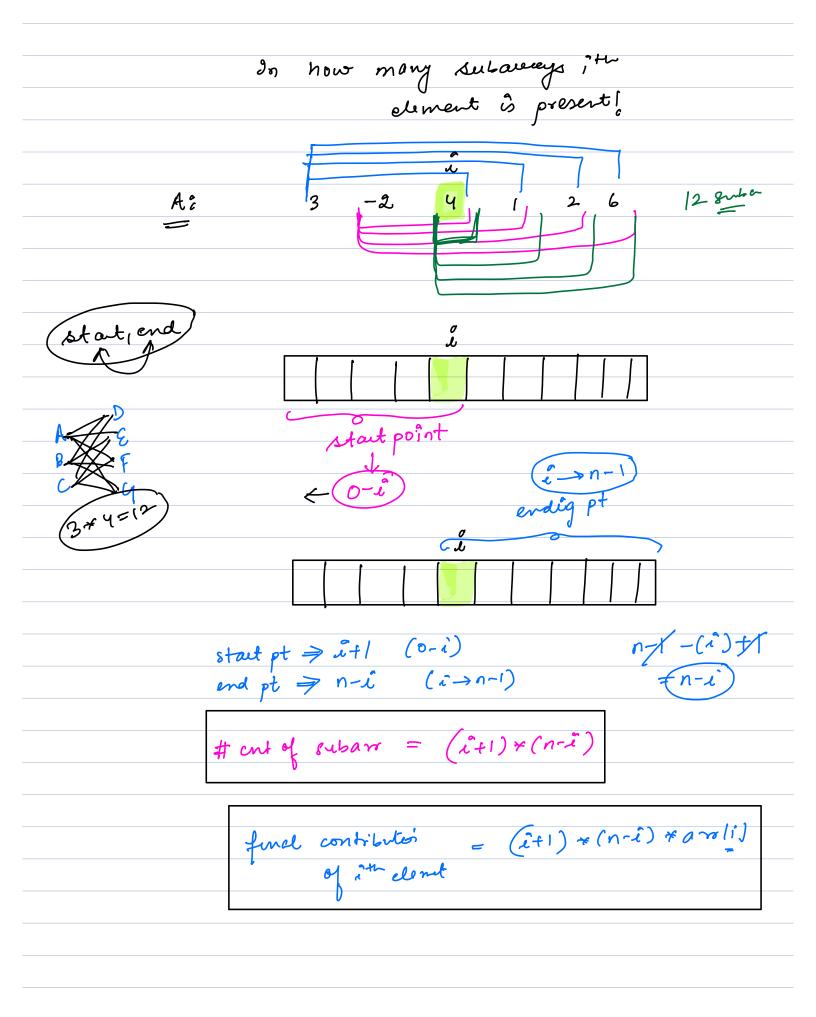
T.C: N+N2 FO(N2) !! i,j ===0) sum = pf [j]; s.c: 0(N) else swm=pfljJ-pfli-1];



10:28



```
- 1
              A:
                          3
                     -1
                             4
                         arrioj
       0,0
                  -1
                          + an (o) tar(1)
       0,1
                  ይ
                         + or (0) + or (1) + or (2)
       0,2
                                    arrlis
                  3
       1,1
                         4
                                     arris + arriz
       1,2
                  7
                         4
                                              arr(2)
      2,2
                         +
                          3*avlo) + 4* avl1) + 3*av[2]
                           3*(-1) + 4*3 + 3*9
subany in while a partial
                                   + 12 + 12 = (21)
                               -3
             element comes
                  ð
                       1
                                  3
                                 3
                            2
                 4
                      -1
                                                      4
    0
        Ō
                                                  =
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                                                      3
                          4
                               -1
     0
      -
                               -(
                                     2
                                                     \mathbb{C}
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     5 3
                                     2
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     1 1
                                -1
                                                     1
                                      2
     1 3
                                          3
                                -1
                                                     Y
                                      2
     2 2
                                      2
                                                     2
     2.3
                                                     5
                                          3
                                       2
     3 3
                                          3
                                                     3
                      4*4 + 6*(-1) + 6*2 + 4*3
                             -6 + 12 + 12 = 34
```



0 m = 0
for(i=0;i <n';i+r)< math=""> <math display="block">ans + = (i+1)*(n-i)*au(i)</math></n';i+r)<>
ano + = (i+1) * (n-i) * au(i)
T.C: O(N)
T.C: O(N) S.C: O(1)