

0		2	3	Ų	5	G
4	2	10	3	12	-2	15

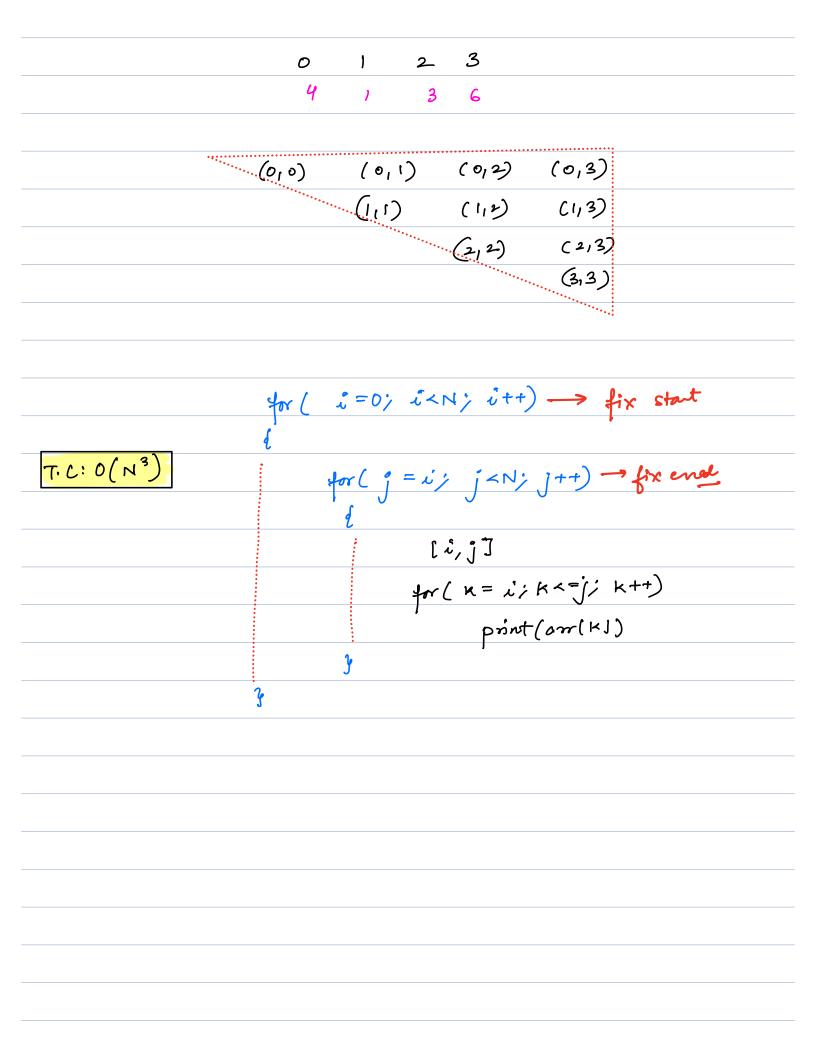
Staut	end	count all.	enbanays
<u> </u>	ユ	·	
1	2	stut	# count
1	3	0	7
オ	4	土	6
土	2	2	5
1	6	3	4
(ens=	6)	4	3
4		5	2
		6	エ
			28

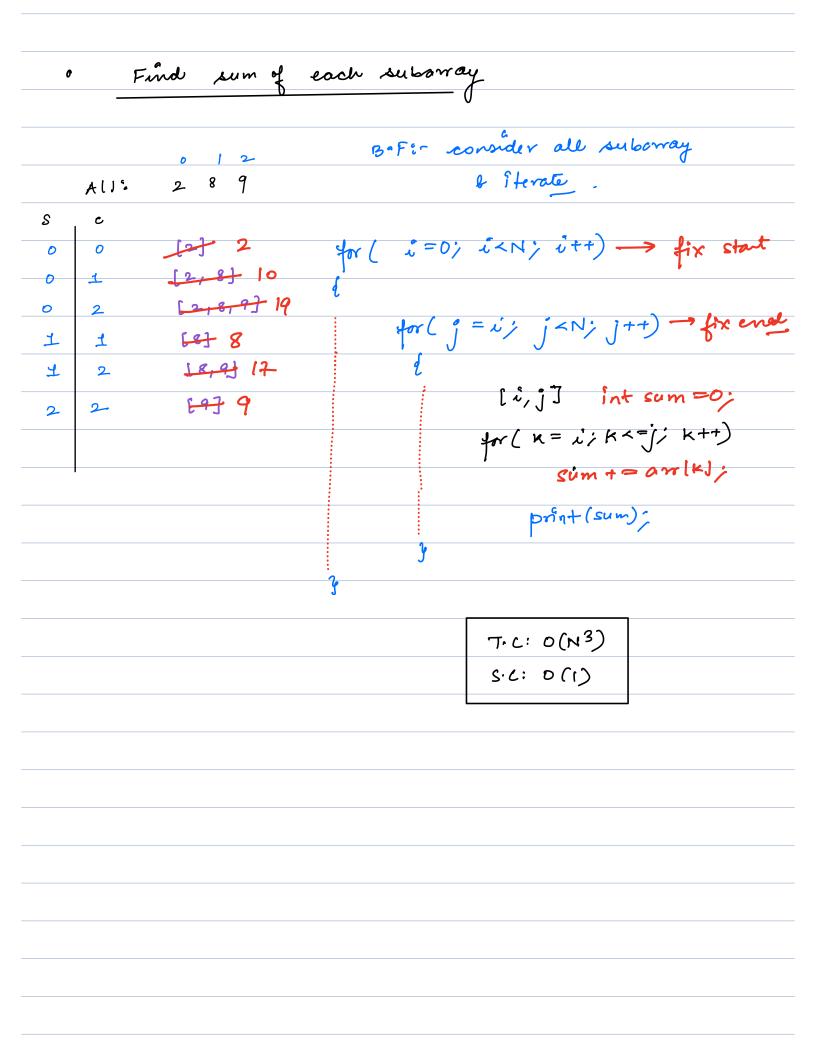
sount of subarray in array of size N

Start	# cont
0	N
1	N-I
2	N-2
3	1
• • • • • • • • • • • • • • • • • • •	,
<u> </u>	, ,
N-I	<u>'</u>
,, _	

N+(N+1)/2

```
printsuborray ( arr 1), int start, intend)
                   for ( i= start; cz=end; i++)
                            print (artis);
              sum suborray ( arr 1), int start, intend)
                   for ( i = start; cx=end; i++)
                           Sum += amlilo:
# pront all subarrays
                All:
                                                N*(N+1)
                        [2]
                        [2,8]
                1
                        [218,9]
                                         subarrayo, you have
                 2
                         [8]
                                          to consider all
                         [8,9]
                                         possible parts of
                          [9]
                2
```





$$[2,2] \rightarrow am[2]$$

$$[2,3] \rightarrow am[2] + om[3] = [2,2] + am[3]$$

$$[2,4] \rightarrow om[2] + om[3] + om[4] = [2,3] + om[4]$$

$$\lfloor i, j \rfloor \longrightarrow \lfloor i - j - i \rfloor + arrlj \rfloor$$

	ć	, 1	2 3
for (int i=0; i <n; itt)<="" td=""><td>4</td><td>- 2</td><td>-1 3</td></n;>	4	- 2	-1 3
for (int u=0; i <n; 2="" itt)="" sum="0;</td"><td></td><td></td><td></td></n;>			
for $(int j = i \neq j < N \neq j \neq j)$	۵ ا	Ŝ	Sum =0
į	0	0	4
sum t=amljs		7	4+2=6
print(sum);		2	2=(-)+6
J		3	5+3 = 8
<i>3</i>	1	9	sun =0 2
		2	27(1)=£
T.C: O(N2)		3	1+3=4
S-C: O(D)			
	•		

0	Find	total	sum	of	sle	suban	ray	sums.
#				V			U	
				0	1	2	3	
				3	2	-1	5	

S	e	Sum	int ts =0;
0	D	3	for (int u=0; i <n; itt)<="" th=""></n;>
0	1	5	gum =0;
٥	2	4	for $(int j = i) j < N; j + \tau)$
0	3	9	Ĺ
工	土	2	sum t=amljs
7	2	1	ts += sum;
4	3	6	J
2	2	-1	<i>3</i>
2	3	4	T.C:O(N2)
3	3	5	8·C: O(1)
		38	
		The state of the s	

0 1 2
A: -1 3 4
0,0 -1 arlo]
0,1 2 arrios + arris
0,2 6 arlog + arlog + arrlog
111 3 arr 11]
112 7 arris + arris
212 4 am [2]
21 = 3× arrioj + 4× arrioj + 3× arrioj
3+(-1) + 4+9 + 3×4 = 21
7
contribution of it element = No of suborrays
in which artis
it clent con
e In now many subarrays it eliment is coming?
0 1 2 3 4 5
A: 3 -2 (4) 1 2 6
0,2 1,2 2,2 ans =12
0,3 113 213 = no of st pt 7
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

