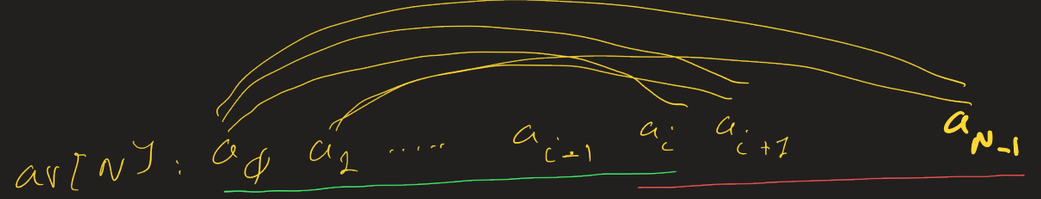

s: [0 i]

i+1

e: [i N-1]

N-i

(i+1)*(N-i)

	0	1	2	3
	6	8	-1	7
i+1	1	2	3	4
N-i	4	3	2	1
Total	4	6	6	4

# of times

Contribution of individual element: 24 + 48 + (-6) + 28 = 94

```
int TotalSum(int arr[]) {
    int n = arr.length
    int totalSum = 0
    for (int i=0; i<n; i++){
        freq = (i+1) * (N-i)
        con = freq * arr[i]
        totalSum = totalSum + con
    }
    return totalSum
```

TC: O(N)

SC: O(1)