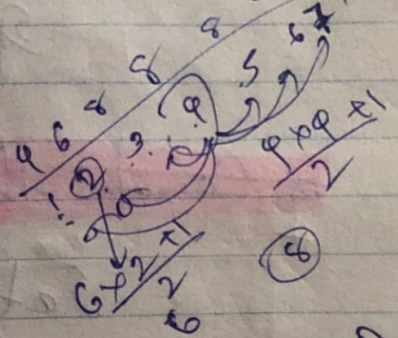


# \*Sum of All Odd Length Subarrays

$$[1, 4, 2, 5, 3] \rightarrow [1, 5, 7, 12, 15]$$

1	4	2	5	3
1	4	2	5	3
1	4	2	5	3
1	4	2	5	3
1	4	2	5	3



1	2	3	4	5	6	7	8	9
1	2	3	4	5	6	7	8	9
1	2	3	4	5	6	7	8	9
1	2	3	4	5	6	7	8	9
1	2	3	4	5	6	7	8	9
1	2	3	4	5	6	7	8	9
1	2	3	4	5	6	7	8	9
1	2	3	4	5	6	7	8	9
1	2	3	4	5	6	7	8	9

$$\begin{array}{r} 2 \\ 3 \\ 3 \\ 1 \end{array}$$

$$\begin{array}{r} 3 \\ 4 \\ 2 \\ 1 \end{array}$$

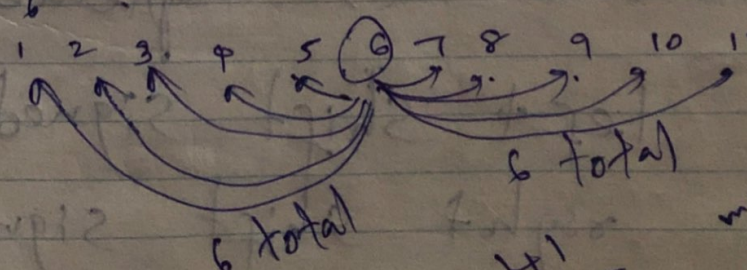
$$\begin{array}{r} 3 \\ 5 \\ 7 \\ 2 \\ 9 \\ 3 \\ 2 \\ 4 \\ 5 \\ 6 \end{array}$$

$$\begin{array}{r} 4 \\ 7 \\ 9 \\ 10 \\ 10 \\ 9 \\ 5 \\ 6 \\ 7 \\ 4 \end{array}$$

1	2	3	4	5	6	7	8	9
2	3	4	5	6	7	8	9	
3	4	5	6	7	8	9		
4	5	6	7	8	9			
5	6	7	8	9				
6	7	8	9					
7	8	9						
8	9							
9								

# left sub arrays \* # right + 1  
for odd sub arrays.

For even + 1  
multiply by val 2  
get sum for all



$$\frac{(6 \times 6) + 1}{2}$$