

Sum of Min & Max Elements of
All Subarray of Size $k \rightarrow$

i/p \rightarrow 2 | 5 | -1 | 4 | -3 | -1 | -2 $k = 4$

(1) \rightarrow 2, 5, -1, 4 \rightarrow max \rightarrow 5
min \rightarrow -1 $J \rightarrow 6$

(2) \rightarrow 5, -1, 4, -3 \rightarrow max \rightarrow 5 $J \rightarrow 4$
min \rightarrow -3

(3) \rightarrow -1, 4, -3, -1 \rightarrow max \rightarrow 4 $J \rightarrow 4$
min \rightarrow -3

(4) \rightarrow 4, -3, -1, -2 \rightarrow 4, -3 \rightarrow (4)

$$6 + 4 + 4 + 4 = 18$$

Refer Question Maximum window
sliding