

Q7Solve

index	0	1	2	3	4	5	6	7	8	9	10	11	12	13
A	0	-12	2	-14	-15	7	4	9	4	-18	-11	-6	-14	-3
Sum	0	-12	-10	-12	-15	7	11	20	24	6	-5	6	-8	-3
prev	0	0	0	2	0	0	5	6	7	8	9	0	11	0

index	14	15	16	17	18	19	20	21	22	23	24	25
A	6	-1	-9	4	-2	-1	-12	-8	-8	9	-8	0
Sum	6	5	-4	4	2	1	-11	-8	-8	9	1	1
prev	0	14	15	0	17	18	19	0	0	0	23	24

$$\text{Maximum Sum} = 7 + 4 + 9 + 4 = 24$$

⇒ Starting index of maximum interval → 5

⇒ Ending index of maximum interval → 8

$$\Rightarrow \text{maximum Sum} \Rightarrow [7, 4, 9, 4] = 24$$