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

Cumulative Sum Array

Sum=0
i=0

End of Array

No

Yes

i++

Sum = sum + A[i];
A[i]=Sum;

-2	-1	-4	0	-1	1	2	-3	1
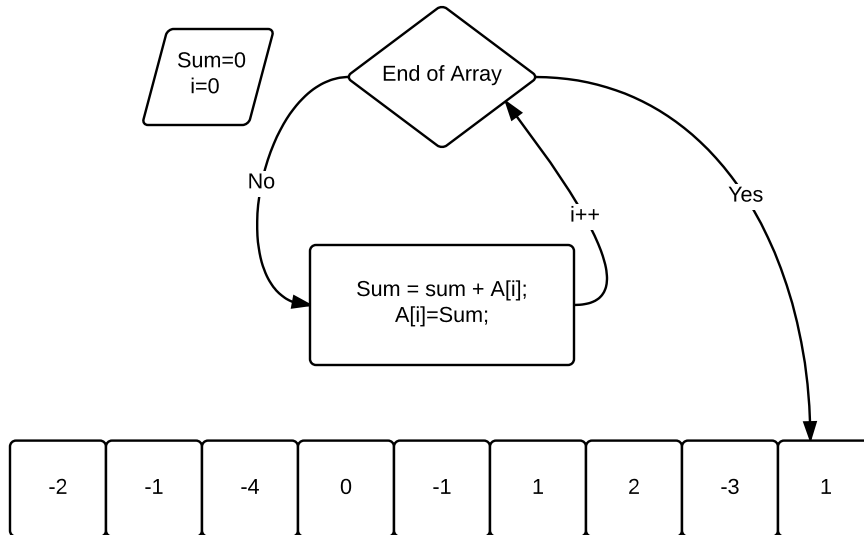
Find Candidate Subarrays

Array B;
max= -1;
min= -1;

End of Array

No

Yes

i++   i++

Is A[i] < A[min]

Yes

No

No

Save min,max,
A[max]-A[min] to B
min=i; max=i;

Is A[i] > A[max]

Yes

max=i

Ans = 0

End of
B columns

No

No

j++

j++

Ans = 6

Is ans < B[j]

No

Yes

ans = B[j]

0	1	6
-1	1	2
-1	0	6