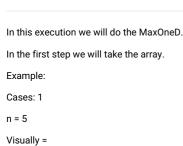
Manual Execution



2	-3	5	-1	4
0	1	2	3	4

A[n+1]; currSum = 0

A[0]=0

0

1° i = 1

CurrSum = max(currSum + A[i -1], A[i-1])

2	-3	5	-1	4
0	1	2	3	4
٨				

currSum = max(0+2,2)

maxSum = max(2,2)

currSum = 2

New array:

0 2

2°

i = 2

CurrSum = max(currSum+A[i-1], A[i-1])

2	-3	5	-1	4
0	1	2	3	4
	٨			

currSum = max(2-3, 2)

maxSum = max(-1,2)

currSum = -1

New array:

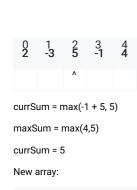
0 2 2

3°

i = 3

currSum = max(currSum+A[i-1], A[i-1])

2 -3 5 -1 4



0 2 2 5

4°

i = 4

currSum = max(currSum+A[i-1], A[i-1])

2	-3	5	-1	4
0	1	2	3	4
			۸	

currSum = max(5-1,-1)

maxSum = max(4, 5)

currSum = 4

New array:

0	2	2	5	5	

5°

i = 5

currSum = max(currSum+A[i-1], A[i-1])

2	-3	5	-1	4
0	1	2	3	4
				٨

currSum = max(4+4, 4)

maxSum = max(8, 4)

currSum = 8

New array:

0 2	2	5	5	8
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Max sum = 8