Rohan Taved 21L-5625

(Q1)

Mox Sub Apro Sum (int AC], int n) { global End = 0

global Stoot = O global Sum=ACO]

max Sum = ACO]

bo(i=0; i<n-1; i++) € if (Howsum + ACi]> ACj])

maxSum += ACi) ?

else 1

Max Sum = ACiJ

global Storbt = 1

if (globalsum < moassum)

global Sum= Mox Sum

globalend = 1

review global Sum

3

+		3		7	
7	6	0		4	
7 5		-3		9	
	当	1		9	
13		+ 4		9	
1	3	0		9	
1_+	12	2		9	
17				9	
8	8	6			
8	マー			٩	
8 6		6		7	
8 6		3		9	teritor esta
18 14		7		10	
8	4	10		10	
0	2	10		10	
0	7	8	-		
0	9	-1		10	
777788888888999		Ś	1	10	
1	8				
19-4	7	0		10	
9 9 9	6	5		10	
9	5	2		10	
9	4	6			-
9	3	9		10	
9	2	C		10	
9 7		7		10	
<u> </u>		7		10	
mossum is 10 in both cases					
23) Kadane's Algo					
1, massum (i] global Sum, global ford,					
2		_ 5		my glob	selfrol 1
3 3 3					
2 -2 374 9 966 End 2 374 9 66 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9					
6		9 \	9		6 /
7 9		10	10		8 8
0	(2) 이 경우 바다 있습니다. (2) 전 가입니다. (2) 전 (2)	9 \	10		D ,

(Q4)-Time Complexity = O(1) global Sum = A(1) present Sum = A[1] for (1=2; iKN; int) if (preset Sum + ACi) > A[] prosetSum += ACi] else perelson = ACi] global Sum = max (global Sum, pureset Sum) retren global sum PIT was a single orray to so time compressions will be O(1).