//1D Max Sum

//Algorithm : Jay Kadane

//Complexity : O(n)

int main()

{

int n;

scanf("%d", &n);

int A[n+1];

for(int i = 0; i < n; i++)

scanf("%d", &A[i]);

//Main part of the code

int sum = 0, ans = 0;

for(int i = 0; i < 9; i++) {

sum += A[i];

ans = max(sum, ans); //always take the larger sum

if(sum < 0)

sum = 0; //if sum is negative, reset it (greedy)

}

printf("1D Max Sum : %d\n", ans);

return 0;

}