



DAC (ATo...n.1], low, high)

if high Elow then

DZVZDE

CONGUER

return Allow]

AND

m:2 = (low+high)/2

> Sum = Sum + A[i]/ if (Sum > left_max)

loft_mux = sum,

for i=mid+l', i < high; i-1

Sum= Sum +A[:]

if (Sum) right-maz

right_mnx=suni,

lept-right=max (DAC (A[], low, n:1), DAC (A[], mil+1, high))

return max (left-right, left-max + right-max)

 $T(n): 2T(n/2)+N _ 3 = 1$

2 = 2 | -> n | ogn -> n | ogn

Her derenda tim elementers delagnage zorenda oldige icin

Cost = (nlogn) Carroye = (nlogn) Curst = (nlogn)

DF (N, ACN)

BRUTE

mux = Ato]

return max

FORCQ

for i=0; ic N; i=i+1

tnp=0

N defa dis dongi

for j=i, j < N j = j+1

Inp=tmp+A[j]

N-ideta ic dongi

ir(tnp>m+1)

max = tmp

left = i;

right=j;

 $N+(N-1)+(N-2)\dots 1 -) N+(N+1) -> N^2$

Her duranden tim elementern tennéral electricion

Classe = O(nlogn) Carnnyl = O(nlogn) Curst = O(nlogn)