Maximum Sub-Array Sum [Kadane's Aegorithun] Co take forward the sum which adds value to the next sun; he is tre. → if sm 70 → smm f = a[i] max = math. max (max, sum); > If sun <0 > assign sum =0; for (1=0; 1<n; 1+1)} -> sun =(7) (max = 5 if (sim 7=0) 2 sim += a (;] {; wax my m x = math, max (max, sun) finding the substray m sum sum Time Complexity int mak = INT_ MIN; int sun = 0; (sstart, strd = -1 -) O(N) for (i=0; icn; i++) } Sun + = a [1]; if (sun > max) & for both cases max = 8 mm; SStart = Start; Opport Stend = i; if (sm < 0) { sm = 0;

for subarray return

(sStart, sEnd)