Maximum Subarray Sur It is the continuous part of arra 1112131415 All possible 1,2,3,4,5 Superross 12, 23, 34, 45 123,334,345 1234,2345 12345 then the Array = n Humber of Subarrays = no (n+1 5" (5+1)=5*6 Continous parts End Start 0,1,2,3,4 30 = 15 1,2,3,4 2,3,4

for (st=0, st cn; stat) for (end=st; end en; end(t)) }- For end print (St to end) Maximus Subarray Some Brute Force Approach 33,-4,5,4,-1,7,-83 for (St=0; St cn; St11)} arrigu =0 for (endest jend en i endst) OSt = arr [end] maxion = mari(cs, ms); REWIN MS;

More optimized Approach wodone's Algorithm Intolion {3,-4,5,4,1,7,-83 Renoved - 3-4=-1). 100 + (-be) -ve for (i=0; icn; i++) } consont= on[i] marson = max(CS,MS) if (05 co) { outcome so this algorithm replaces it with 0 to remove regalite outcome.