100-Days\_of-DSA Kadanes Algorithm arr: { 3 2 -6 8 2 9 4} arr: {-3 2 4 -1 3 -4 3} // idea 1: generate all Subarray Sum and find max out of them  $TL:O(n^2)$  , SL:O(n)

llidea 2: Kadanes algo 1) { +ve, +ve, +ve, +ve, } Is sum of all these 2 -ve, -ve, +ve, +ve, +ve} 4 sum of these three { tve, -ve, tve, -ve, tve, tve} 1 On Every iteration Store max Algo: if (Sum >=0) add arr[i] to Sum else -> make Sum = a-ors [i]