OI) Row wife & col vise mattin Adv DSA arrays 2 first ques R=2 1 2 3 4 5 6 7 8 9 Start at 10:35 Start at i=0 j=n-1ij set ix1009 + j assume 1 inden j = 21 i= 17 -> 18 -> 22 1 2 2 3 4 5 6 2 B=2 9 10 11 2 1 0 Az

0 0 0

Conv A=

02 A, B, C. 1) unset C bits from eight. 2) Restore B bits from eight to original value 891 A= 12 3=2 3 2 1 0 B=1 C=3 Eg2 A=7 X X X 00001 31 ..... C C-1\_\_\_ 8+1 B B-1..... 2 1 0 00000000000 09... 09 09 09 09 09

In A set (B, C-1] = 0

for (bit = 0; bit <B; bit ++) \( \)

| if \( \) orginal = a \( 2 \) 12(bit \( ! = 0 ) \( \)

set \( (A, bit) \)

Man possible subaleag sum with decreasing weight

3 2 / ans = 6

3 3 5 0 / ans = 5

have we seen some thing like this before?

Kadanés Algorithm

Reep taking until love 7,0

Here we have same idea but different condition.

Keep taking vohile elems are decreasing.

Code

Refeat / Reatherful to Sat / Sun