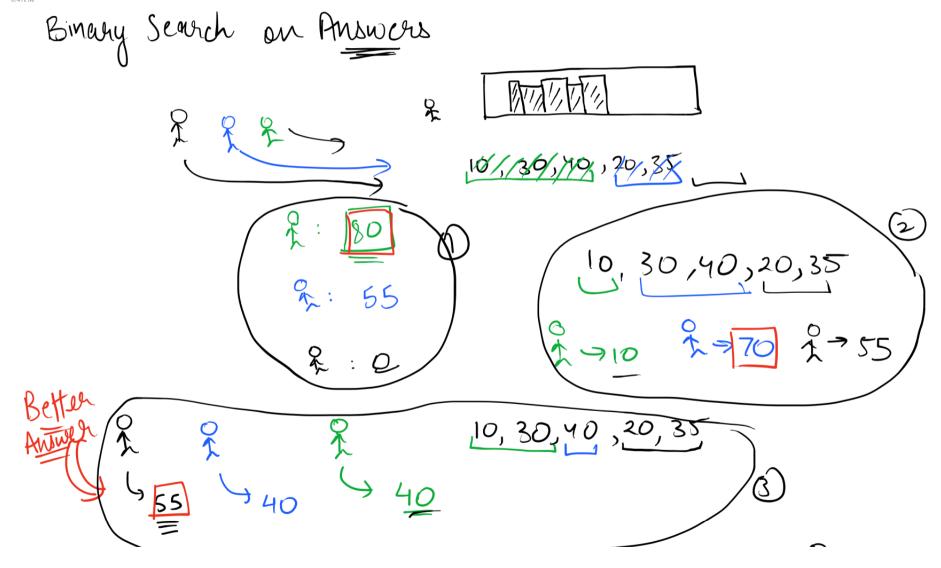
Thursday, 11 July 2024 8:47PM



80,70,55 = minimum

Admining - Maximum ==352 - 40

2 2 2

10,30,40, 20,35 by

Y How many student obre required?

tow many students are required if a student could read 40 pages massin

Max is > 45

How many students are

Maximum > 120 10,30,40,20,35 Maximum > 135 Minimum value of marinum pages that can be read by a student??

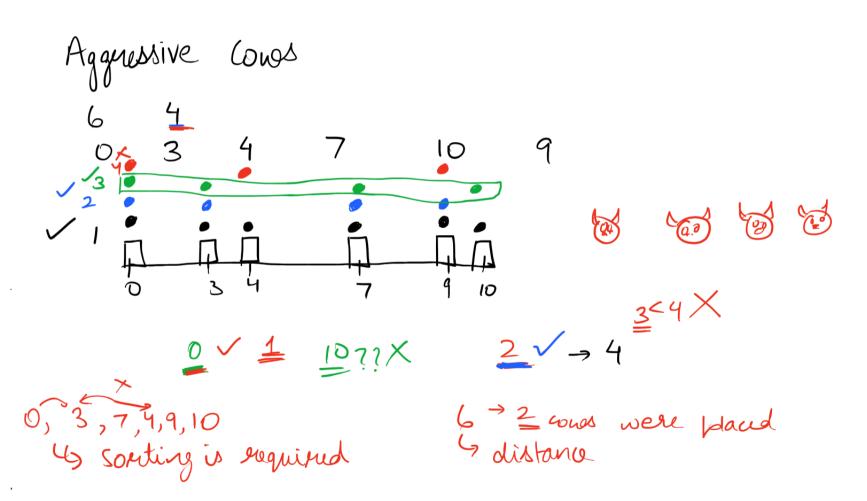
(5 40 X => 4 7 3 42 43 50 Marinum value of maximum pages that can be read by a student?

(5) 135 Stelps
Lo Choose maximum number of pages
blw 40 and 135 G Calculate now many students are

4) Check is it possible or not?? > Regd student 4= T Not Possible 6 Increase the no. of pages 4 move to night Time Confdexity 87 n= 10.0 kooks n = sum of pages 123

How to identify if we will be using B.S on Not?

Minimize the Minimum / Minimize the Manimum /



10

4: Total 5 Min Possible Distance > 1 4 Max Possible Distance > sort (arr) e 4 ore[n-i] - arr[a] I cow in perstand lastidx. 6 With the help of B.S Calculate the no. of cows that Check yet is possible to place given no of cones

5 Secrease Store the ans the distance and look for and having more to get the total number distance ous. 5 increase distance Can 1 place cows 5 distance away? O, 3, Y, 7, 9, 10 Time complexity B.S over max Dis - nightsis)

109 (max Dis) x O(n)
is Possible)

O(n.logm) + O(n.logn) where n= no.of elements m= maximum distance

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