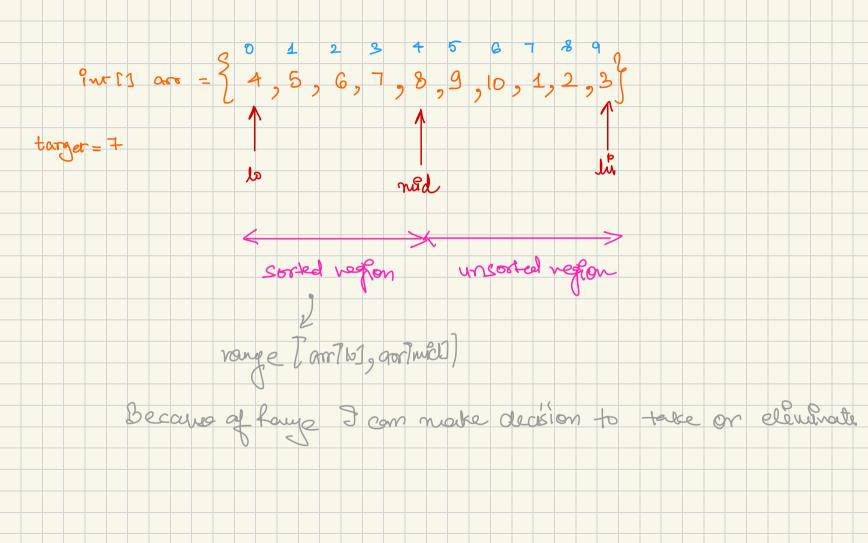
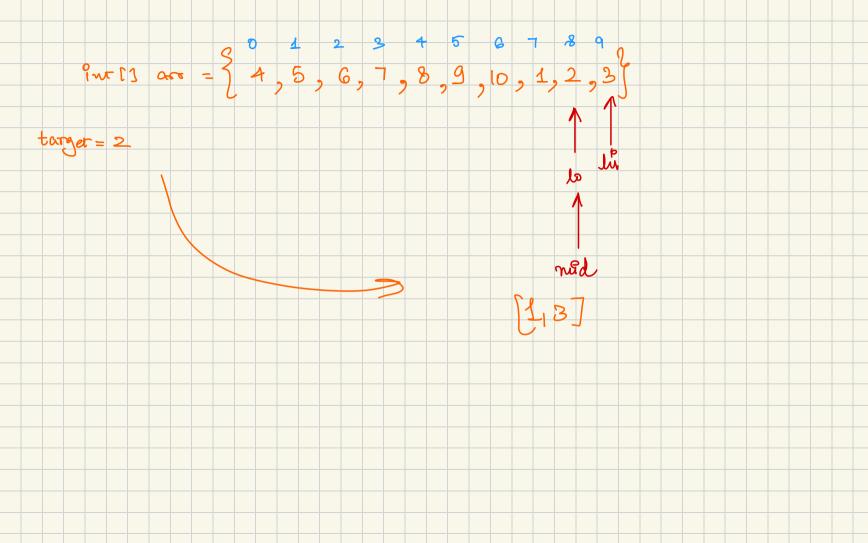


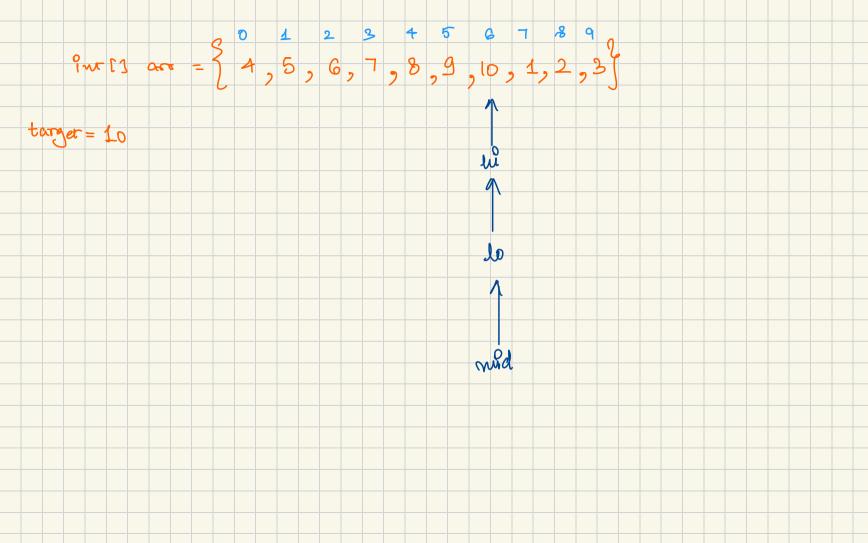
Binary Search -> segion to coard → de vida region ento 2 half -> tog to eleminate one and search in amorein TC: 0(bg N) Sc! 0(1) length of the Putital ceards region

Search in a rotated Sooted Array targer_7 Boule Force . Rear Search TC: O(N) SC: O(1)

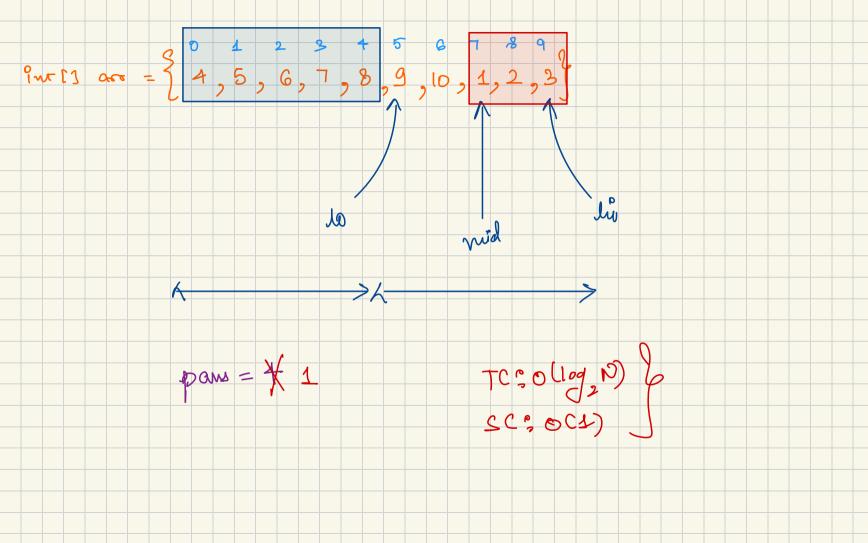




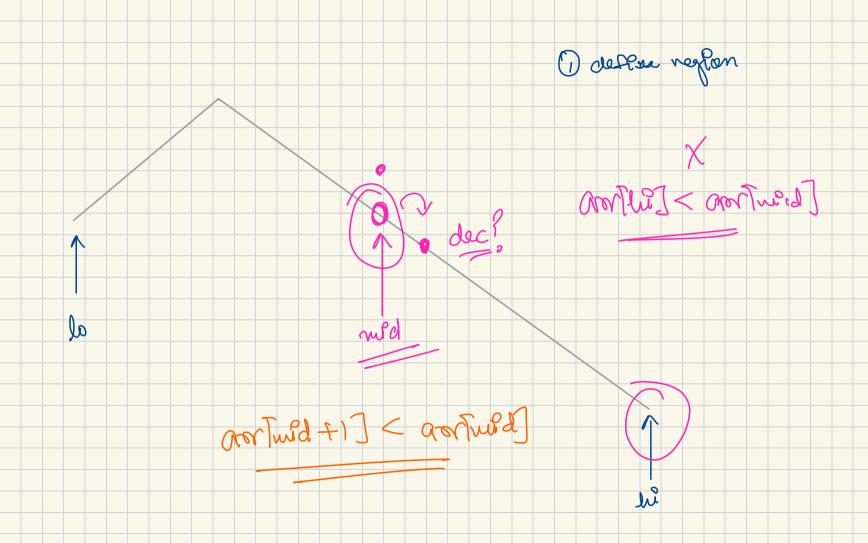
of Corrland = = tors) vetura mel ; else 94 (left side 9s sorted) Pt (you one En tre raye) more of you of (40 or one on the contre) mare orget else more left

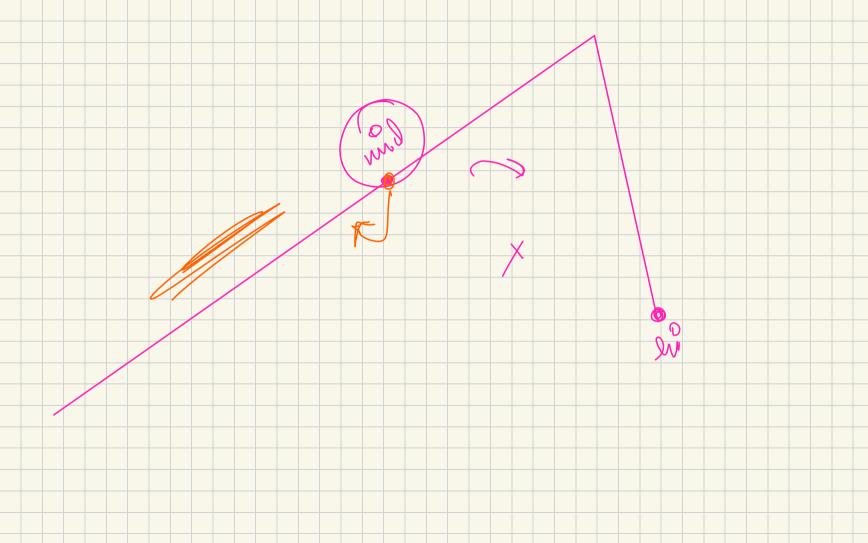


Find Prust Enden in a Rotated Sorted Array of find num value in a rotated Sorted Knay 9w13 ars = 24,5,6,7,8,9,10,12,3 pivot

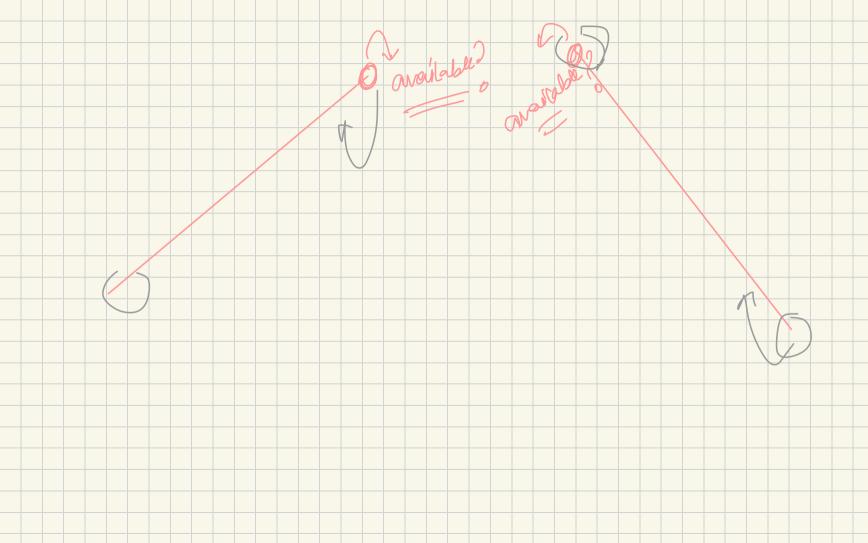


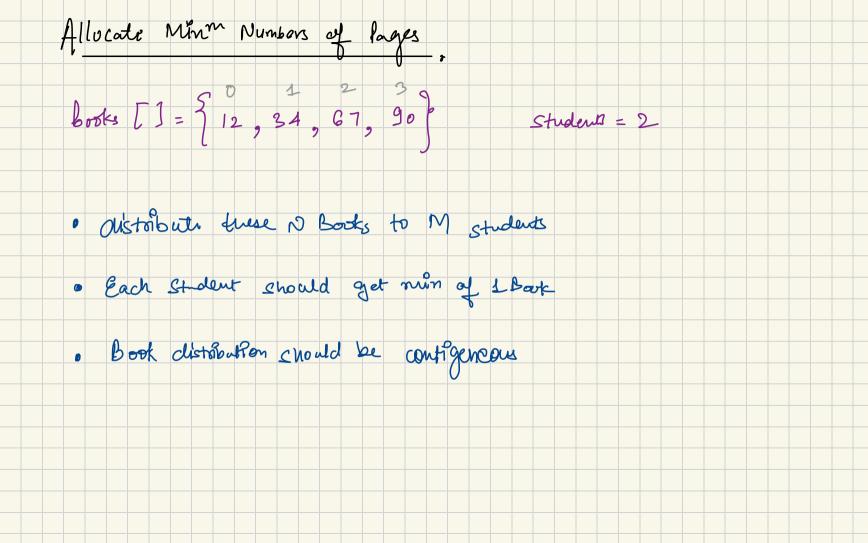
peal 3, A, S, C Peak in a Mountain Array 4,3,2,1 Stray en aut mp 1] < amin) ante-1] < art In and

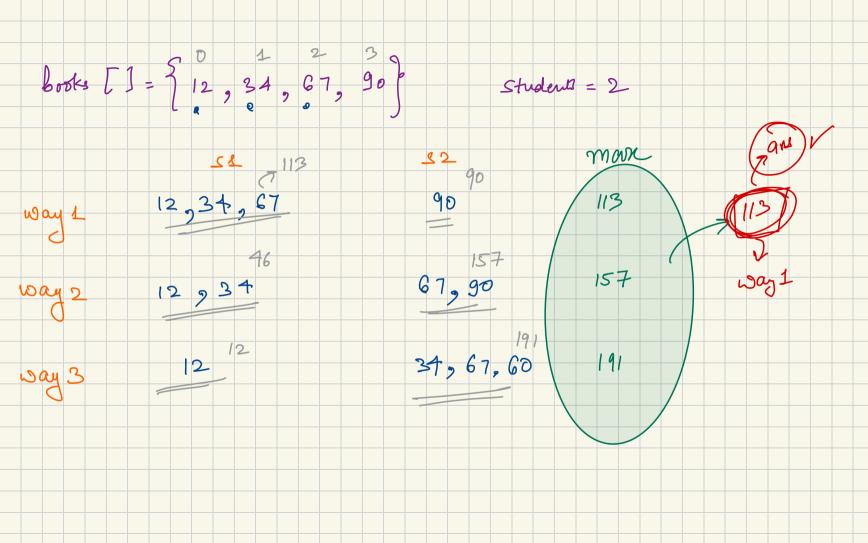


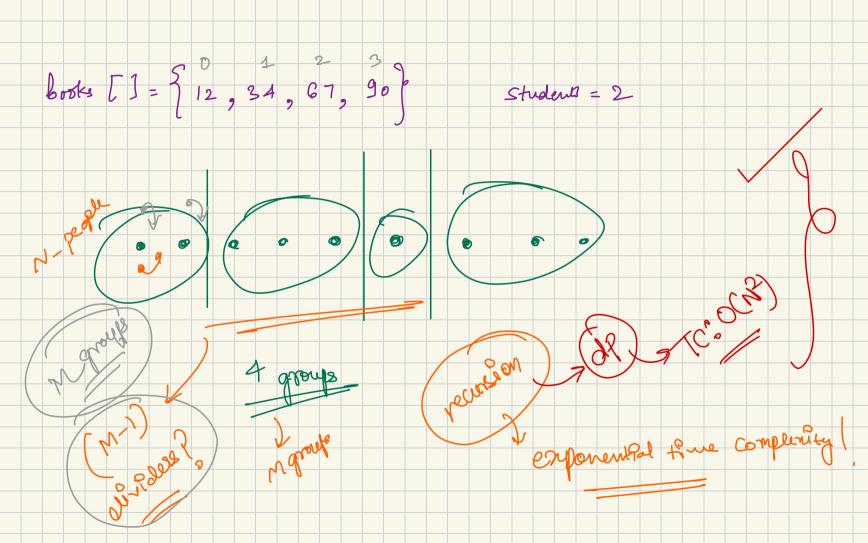


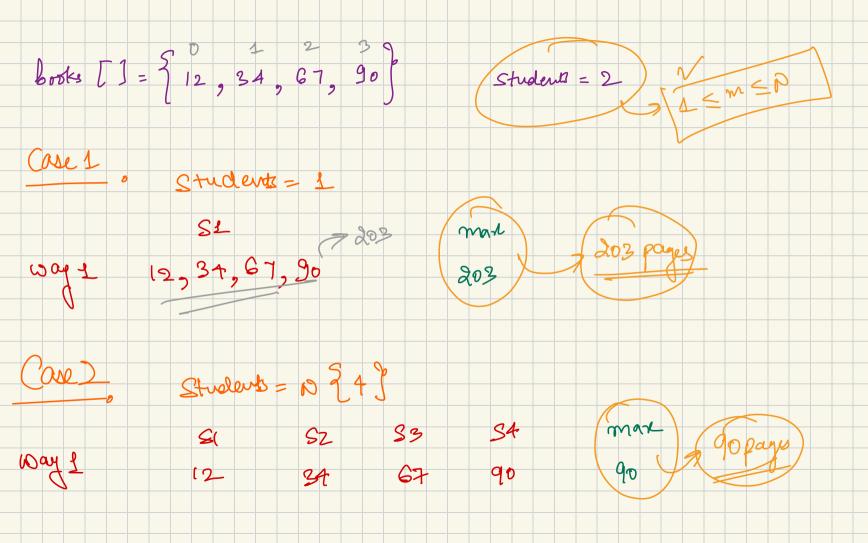
med Ts peak Case ? more right orgut side is dec

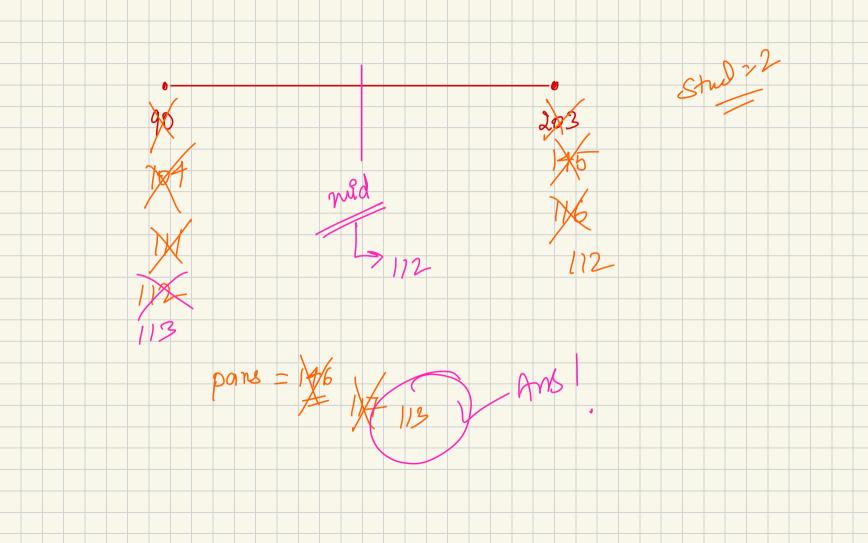












books
$$\Gamma 1 = \begin{cases} 12 \\ 12 \end{cases}$$
, $\frac{1}{34}$, $\frac{2}{7}$, $\frac{3}{7}$, $\frac{3}{7}$, $\frac{1}{7}$

S1 \Rightarrow 12 $+31+67$

S2 \Rightarrow 30

books $\Gamma 1 = \begin{cases} 12 \\ 12 \end{cases}$, $\frac{3}{34}$, $\frac{6}{67}$, $\frac{3}{90}$ $\frac{4}{90}$ $\frac{2}{34}$, $\frac{3}{67}$, $\frac{3}{90}$ $\frac{4}{90}$ $\frac{3}{90}$ $\frac{4}{90}$ $\frac{2}{34}$, $\frac{3}{67}$, $\frac{3}{90}$ $\frac{4}{90}$ $\frac{4}{90}$

books [] = { 12, 34, 67, 90} mone = 103 books [] = { 12 34 67 90} man = 110

books
$$\Gamma 1 = \begin{cases} 12, 34, 67, 90 \end{cases}$$
 mont = 113

S1 - 112 + 34 + 67

S2 - 990

books $\Gamma 1 = \begin{cases} 12, 34, 67, 90 \end{cases}$ mont = 111

 $\Gamma 1 = \begin{cases} 12, 34, 67, 90 \end{cases}$ mont = 111

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