

? Binary search over Soling.

Allocate Minm Number of Poges

students = 2

 $S1 \rightarrow 12$ $S2 \rightarrow 34, 67, 90$ | 191

 $SI \longrightarrow 12/34$ $S2 \longrightarrow G7, 90$ 157

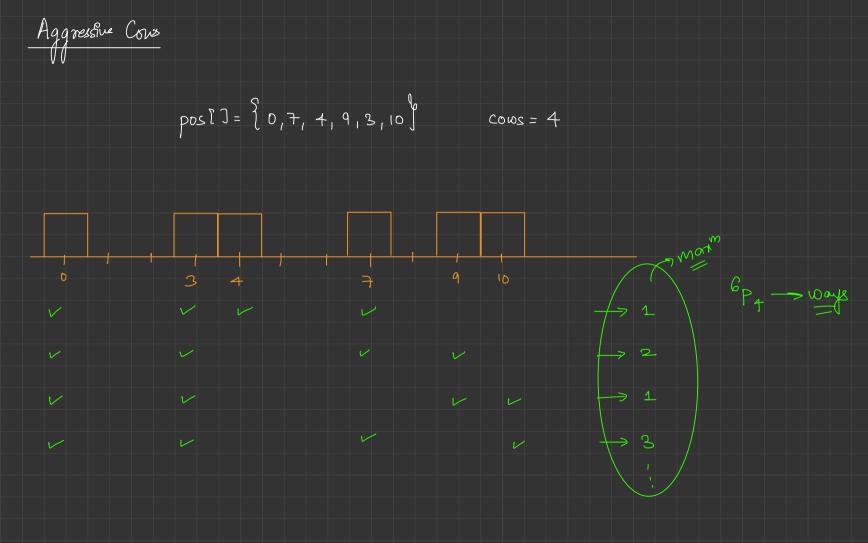
S1 -> 12,34,67 V S2 -> 90

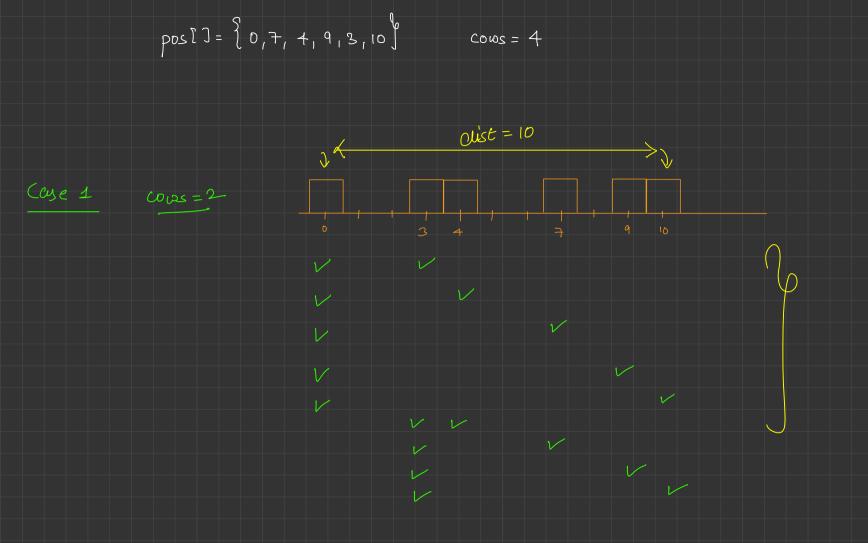
- (1) Each student should have ning pure book

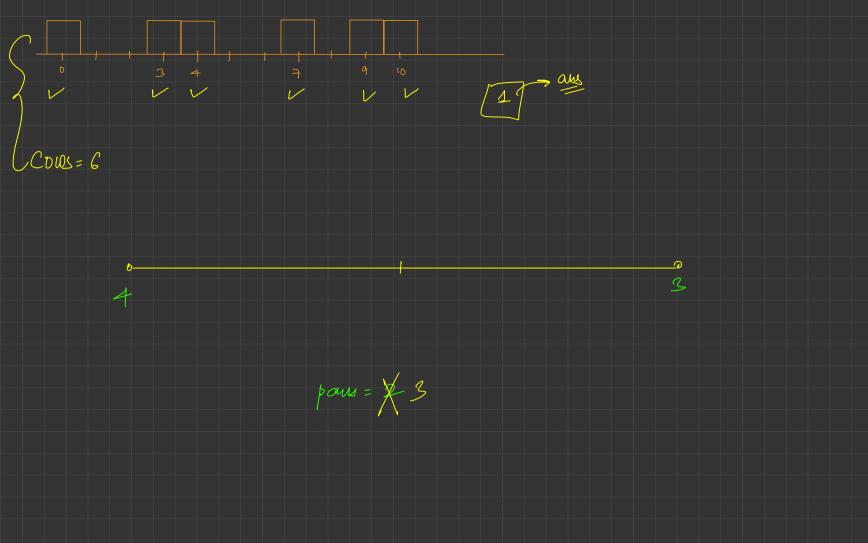
 (2) Books allocated to a student should be Pn a contegenor warmer.
 - B) All books should be given away

113 112 TC'.O[N*]09 N) พนุ่งเพาะ

books[] =
$$\begin{cases} 12, 34, 67, 90 \end{cases}$$
 | $1 \text{ limit} = 146$
 $S = 12 + 27 + 67$
 $S = 90$
books[] = $\begin{cases} 12, 34, 67, 90 \end{cases}$ | $1 \text{ limit} = 117$
 $1 \text{ limit} = 117$
 $1 \text{ limit} = 102$
 $1 \text{ limit} = 102$
books[] = $\begin{cases} 12, 34, 67, 90 \end{cases}$ | $1 \text{ limit} = 102$
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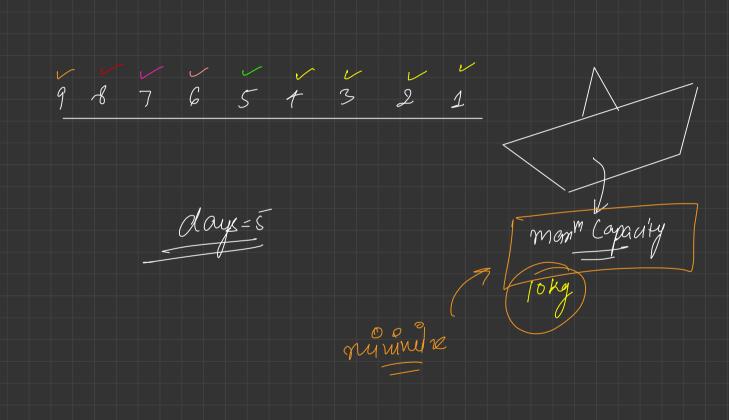


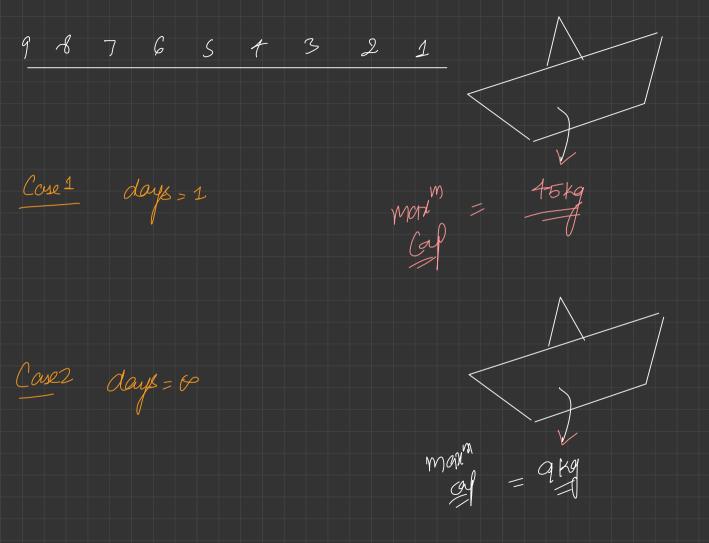




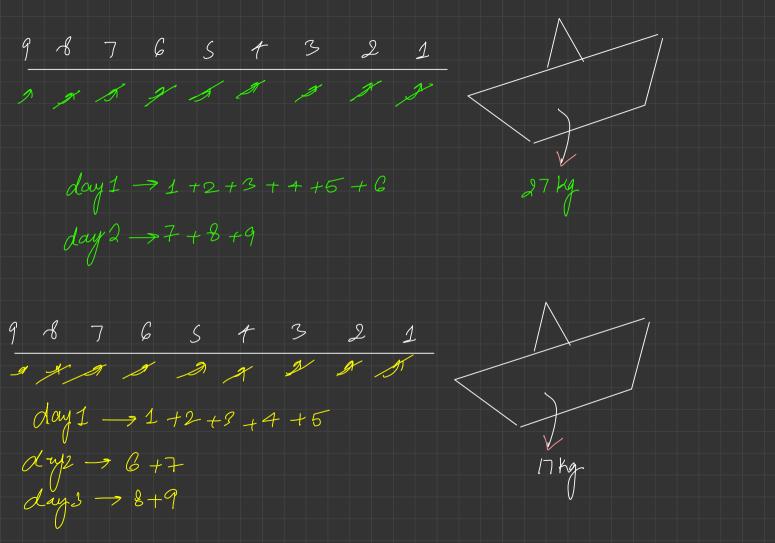
min dist = 3 CON21 = 4 2 mu'ndst-4 Cows:3

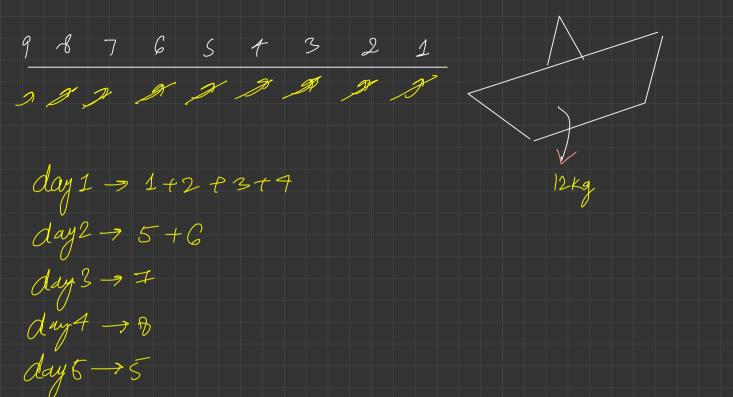
Capacity to suip packages within & days

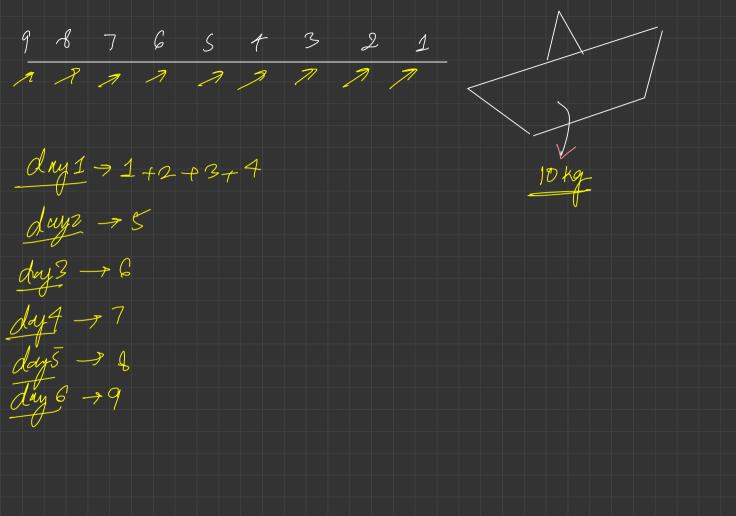


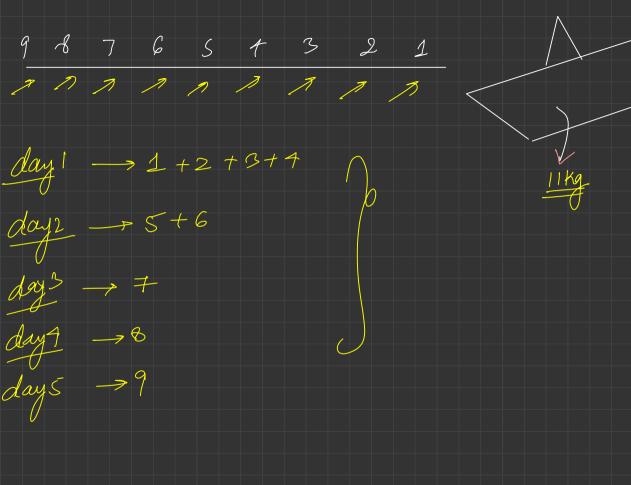


OKA 10 kg pans = II kg U

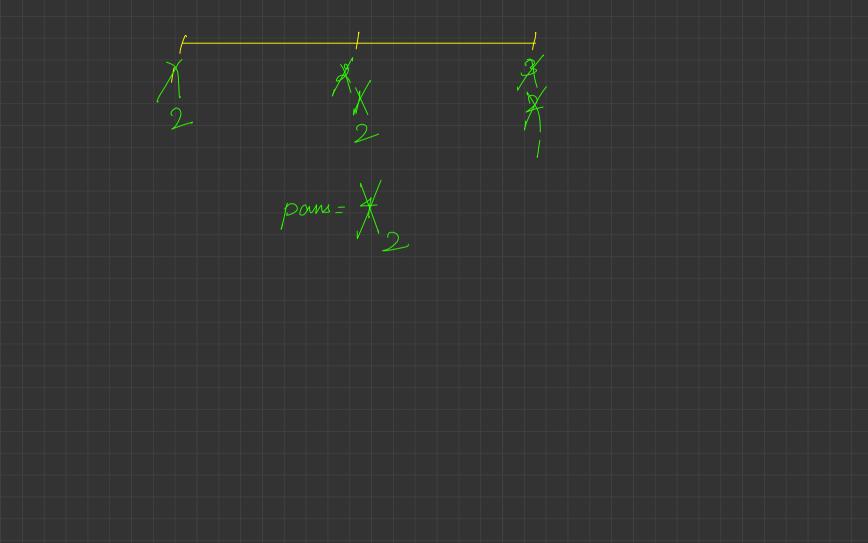








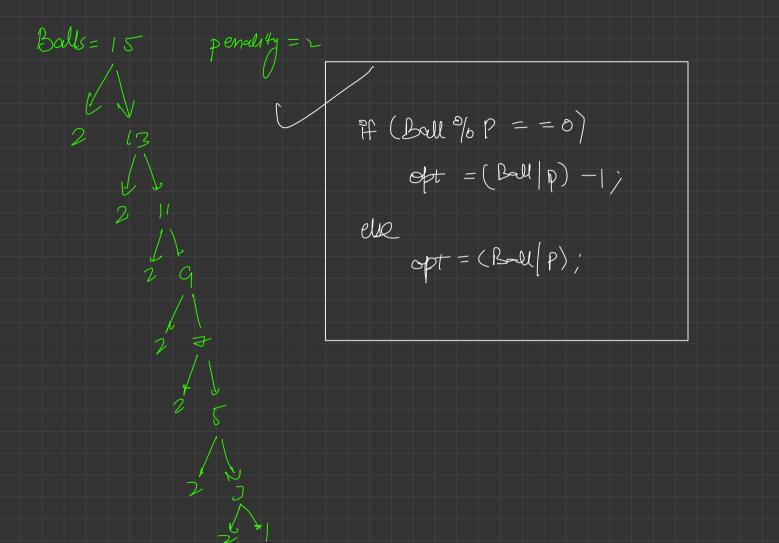
$$aor [] = {2, 4, 8, 2}$$



and
$$I = \{2, 4, 8, 2\}$$
 $A = \{1, 4\}$
 $A =$

Balls = 20 penality = 2 2

balls = 15 penality = 3



$$log(10^2) = 2 \times log(0) = 3.1$$

