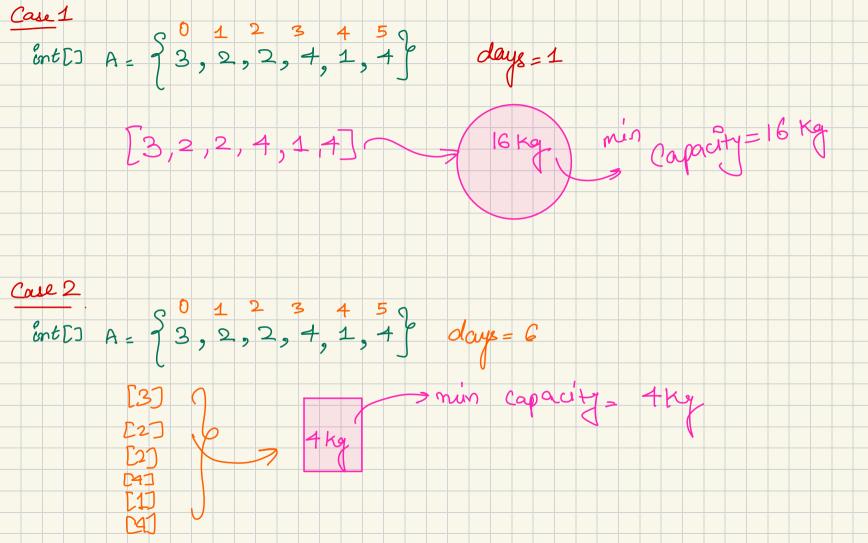
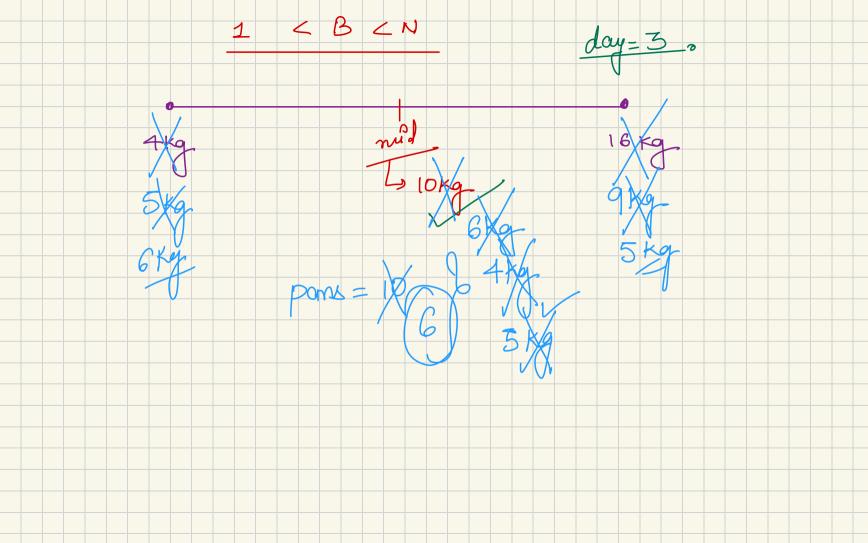


Capacity of ship packages within to days int[] A =  $\begin{cases} 0 & 1 & 2 & 3 & 4 & 5 \\ 3 & 2 & 2 & 4 & 1 \end{cases}$ day=3 min 3 max capacity of suip to
deliver from our port to
another workin 3 days





Ent[] 
$$A = \begin{cases} 3, 2, 2, 4, 1, 4 \end{cases}$$
 max  $Cap = 10$ 

$$d1 = 3 + 2 + 2$$

$$d2 = 3 + 1 + 4$$

$$d1 = 3 + 2$$
Ent[]  $A = \begin{cases} 3, 2, 2, 4, 1, 4 \end{cases}$  max  $Cap = 6$ 

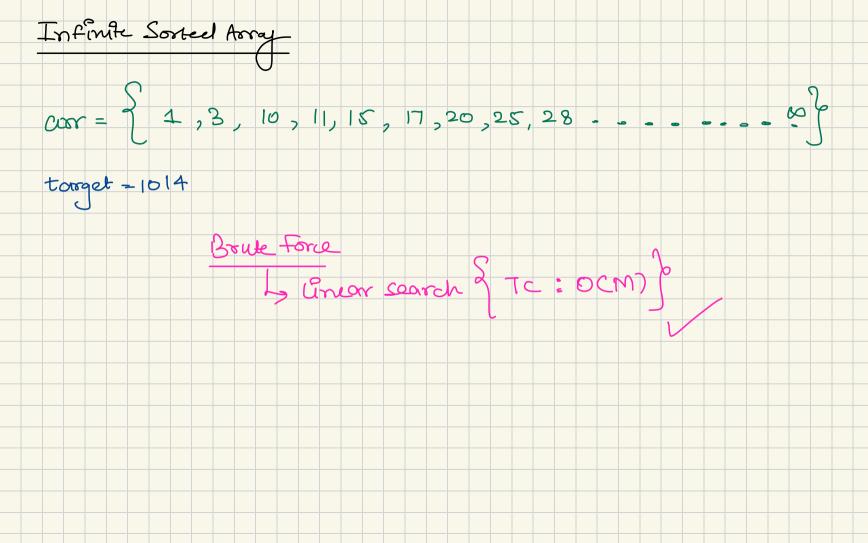
$$d1 = 3 + 2$$

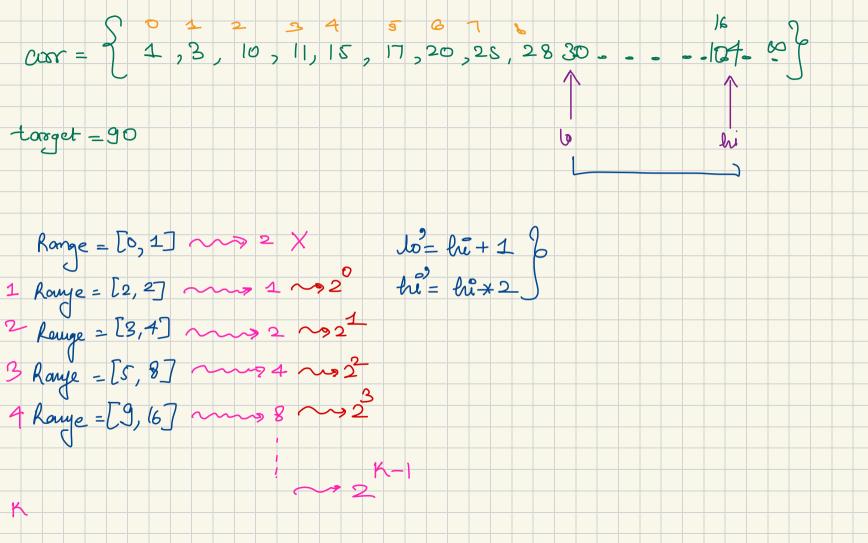
$$d2 = 3 + 2 + 4$$

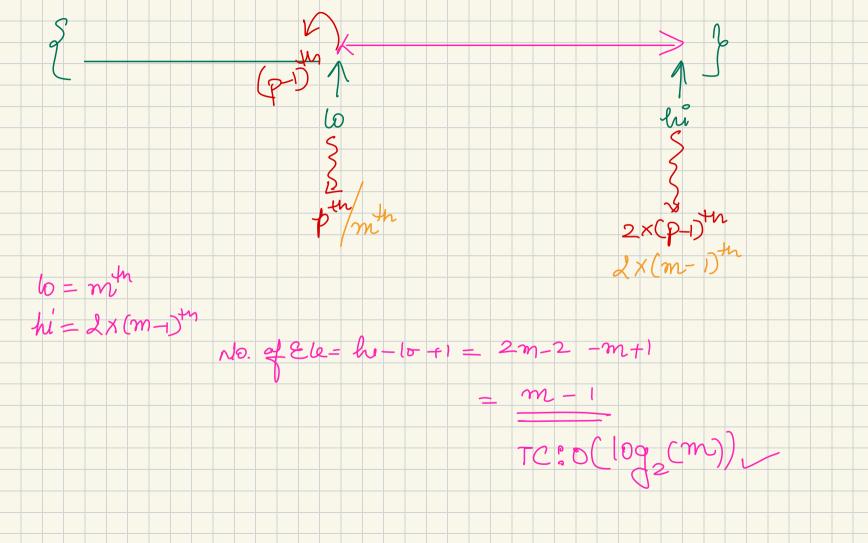
$$d2 = 3 + 2 + 4$$

$$d3 = 1 + 4$$

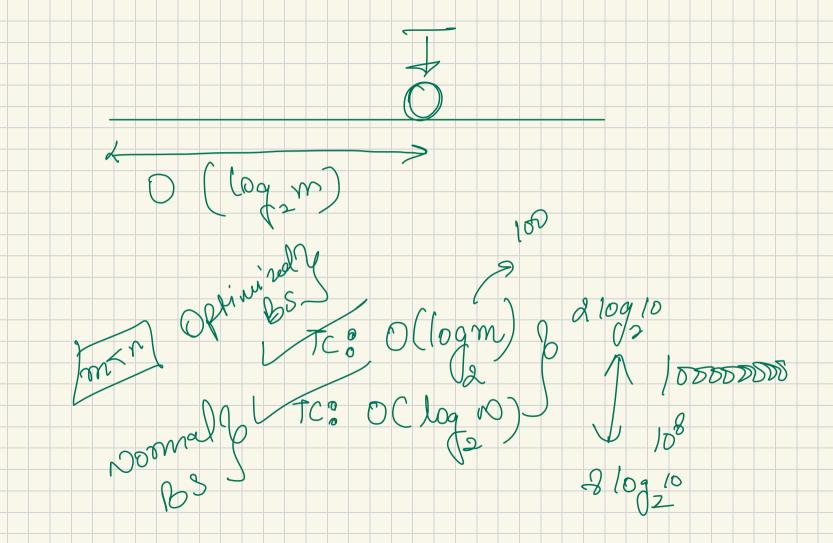
Birmy Search Define Ronge remove half







m-1 = 2\_ K-I 109 109 m = 2109  $\cap$  +



Minim limit of Ballin a bag arr [] = \( \frac{1}{2}, \frac{1}{4}, \text{8}, \frac{2}{2} \) maxOpt = 4 min 9 man no, af Balls in a bag. Arr[] = 2 2, 4, 6, 2opt - 4 (3,1)(2,2) (1,7)(2,6)(3,5)(4,4) (1,5)(2,4)(3,3)

Case 1 opt = 00 2, 4, 8,2 opt = 0 \$ 2,4,8,2% Penality - 8 0<0pt<0

penalty = 4  $am = \frac{3}{2}$  $am = \begin{cases} 2 \\ 4 \end{cases}$ opt= XX4

