Friday, 24 January 2020 7:42 PM

let

-> Select omallest size rope first

1 1 + m

(h1 + h2) (h2)

(31 + 12) + 13 (31 + 12) + (31 + 12) - 43)

(1 (Ag + A3)

 $\begin{array}{c} (\lambda_2 + \lambda_3) + \lambda_1 \\ (\lambda_2 + \lambda_3) + \lambda_1 \\ \lambda_2 + \lambda_3 + \lambda_1 + \lambda_3 + \lambda_1 \end{array}$

I Selecting the smaller one fast is making it to sepeat

why sorting will not lovik?

lets say ropes are 4, 3, 3, 5, 6

6, 4, 5, 6 Nous, you ned to insert 6 at it right position

une complerety - D(n) We want a late structure which can provide the minimum in efficient time. Data structure Binary Heap Binary Tree (1) Complete BT (2) All the nodes should follow min) max property - No relation Ww two subtrees * Mazi num value is at most node

