

SKILLS

Job Id \rightarrow 1	2	3	Ч	5	6	7	8	9
Deadline -> 5	2	7	3	2	1	4	5	3
Profit -> 55	ક્ક	75	60	10	50	V 82	68	, 45 A
\uparrow	\uparrow	\	igwedge		$\bigcap_{i=1}^{n}$			

Constraint > Heed to complete a job

Within given deadline.

Optimization - Max Profit

Sort the jobs -> Profit -> Decreasing order

Job Id			8	2		*	6 9
Deadline	4	xin (6) 6	min(1)	2 min (minly	1, min(0)p)
Profit	85) 10 I	68				50 YS
min (3)	b) 3)	7 1	` (\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\uparrow	√ wox	Deadin-7
2) job	<i>t</i> 2	111111			_		
				4 Ja			

min (max Deedline -1) avr (i) get deedline (i)-1)

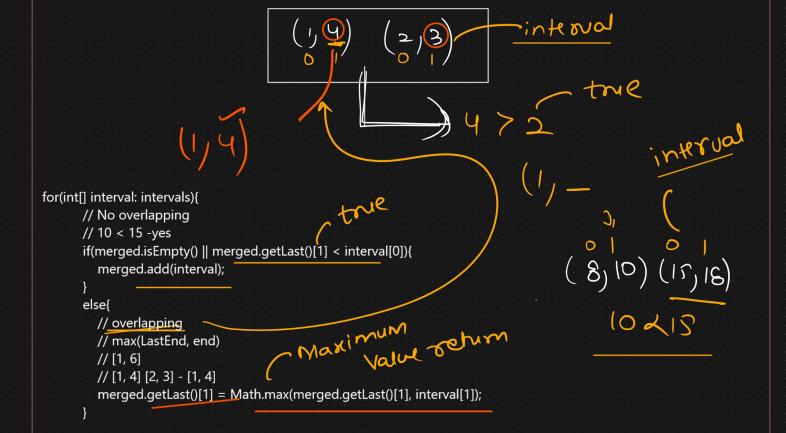
Start and Merge Intervals of 7-9

(1,3) (2,6) (8,10) (15,18)

Start Start Start Start

Toud > Start end Start

Non-overlappy



Huffman coding - Huffman toop compression Max fooluny-Lower られ Low frequency-Ligher bit Optimel Merge Pattern Optimization Minheep Priority 18 Queci 11+18

Assignment Problem

https://leetcode.com/problems/task-scheduler/description/

QuickSort A Gorithm

Live Revion