43159	15	STANMENT	4	Paga National Control of the Control	-
		7: Write problem	a po	iogram J	to .
theory: Lete say Any worke incurring depending to perform worker t lach agen of assigne efficiency	s can some if on man all o each t in su ment is	lee assign fisiency hine assign sles ley machine ch a mes	that in greent. assigning	y vor	required ly 1 yels to host
ex:			en sola fi		
A B C &	J. 9 6 5 7	J 3 2 4 4 8 6	73 7 3 1	J ₄ 8 7 8 4	
- We try	to ralu	late coet	iohen	J, i	assigned
- linee Jr & A lecon	il all	guel to railable.	A, cost	lecomes	2 1 1.
- Now we not cost less	tony to grow ,	ousign J list of 1 3=5 &	s to marking or	B as it	kas 5 jols unavailable

43159 Friedly I, get assigned to c as it has min cost among unassigned tasks & Is gets assigned to got left. Motal cost becomes = 2 + 3 + 5 + 4 = 14 · ALGORITHM : find Min Cost () uses less () & add () to maintain the list of live nodes, least () finds a live made with least cost, deletes it from the list & returns it, add (x) calculates exst of & & adds it to the list of live under node } int job no. int parent; int cost; find Min Cost (costMatrix mat [][]) Initialise list of live under with root of search tree, i.e., Dunny while (true) } E = least () if (E is a leaf mode) & point Solution () return

43159 for each child x of E Solved Example: int Cost Matrix [N][N] = CONCLUSION: porololem