9 Jtobs - Pankhania Aanandi R.
DH4:
Job Assignment Problem
" using Branch and Bound
12 Parblem Analysis:
1 let there be 10 contrors & 10 jobs.
Any corker can be assigned to perform any job incurring some cost that may vary depending on
2 partosin any job incurring some
cost that may vary depending on
the cork-job assignment. It is rey
to pertorm all jobs by orssigning excitly
one corker to each job and exactly
to perform all jobs by orssigning exactly one corker to each job and exactly one job to each agent in such a very 5 that the total cost of the assignment
is minimized
ordinized.
(000 01 1 Jab: 1 2 3 4 - contre
Sorres A 9 2 7 8 A fakes
B 6 4 3 7 8 units of
C 5 8 1 8 time
D. 7 6 9 4 to Rivish
job 4.

It is similar to BFS-like search but with one Approach: major optimization. PFIFO order, se pive mode with lea we may not get optimal sola
byth Rolloving node with legst
momising cost but it will provide
very good chance or getting
the search to an ans. node to calculate cost function! for each coorker, we choose h min. cost ynassigned jobs for with lovest from list of unasigned cookers Efalle mix





