

Scanned by CamScanner

even if deadline was I or 2, the cost will always go down if we remove the space -> optimal the greedy approach: · look at length of interval · deadlines are extremely important to the -> consider deadline first maybe we should sort the deadlines in increasing in the same order as their sorted deadlines claim: there is always at least one in order solution [actually there is exactly one] that is optimal proof by contradiction if we have solution that is out of order (a, b, c, e...) there can be no out of order pais an reduce the number of out of order pairs and show the cost either improves or doesn't Change At 4 dd 40 # of out of order pairs i -> i-1

