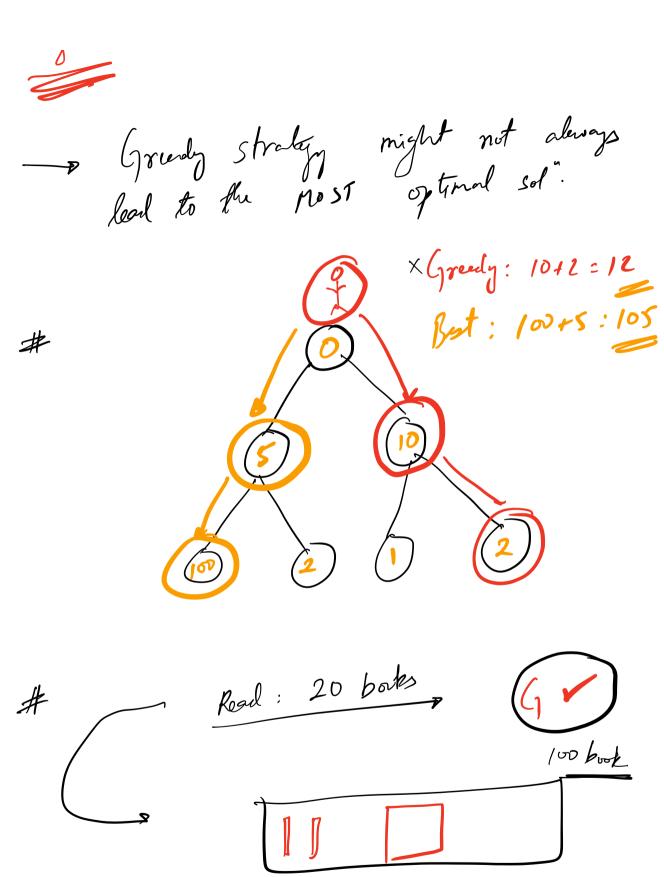


Storks? WLD? Benfits?



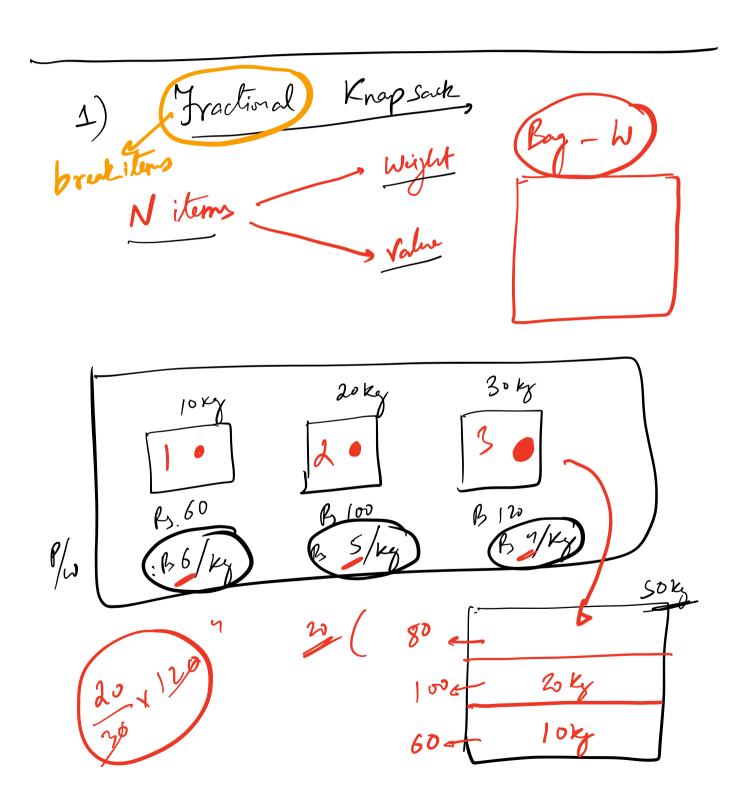
pick the thinnest 20 books

Ropus (Keyp) GV

pick the Smallest 2 ropus -> tie 7 (10) (5)

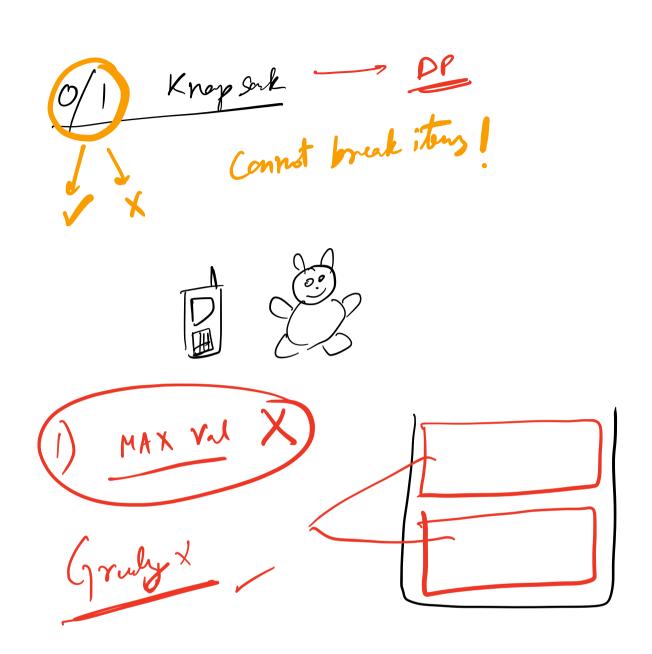
(2) Greedy: Think greelity at every stop w/o covindering Juture / all possibilities.

Some problems which can be solved greatly shows count be!



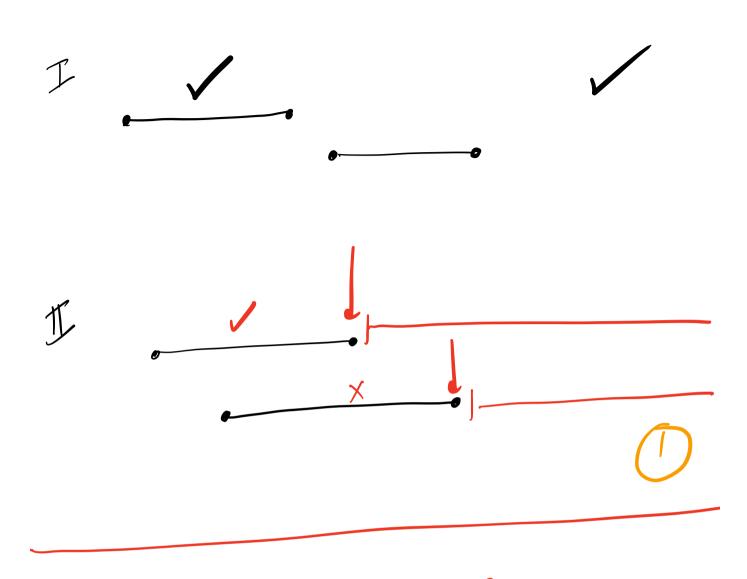
80+100+60 = 240 find the plut of every item.

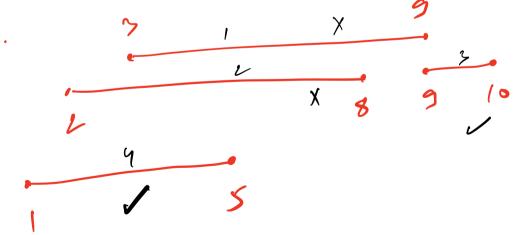
Sout them in the DEC order of



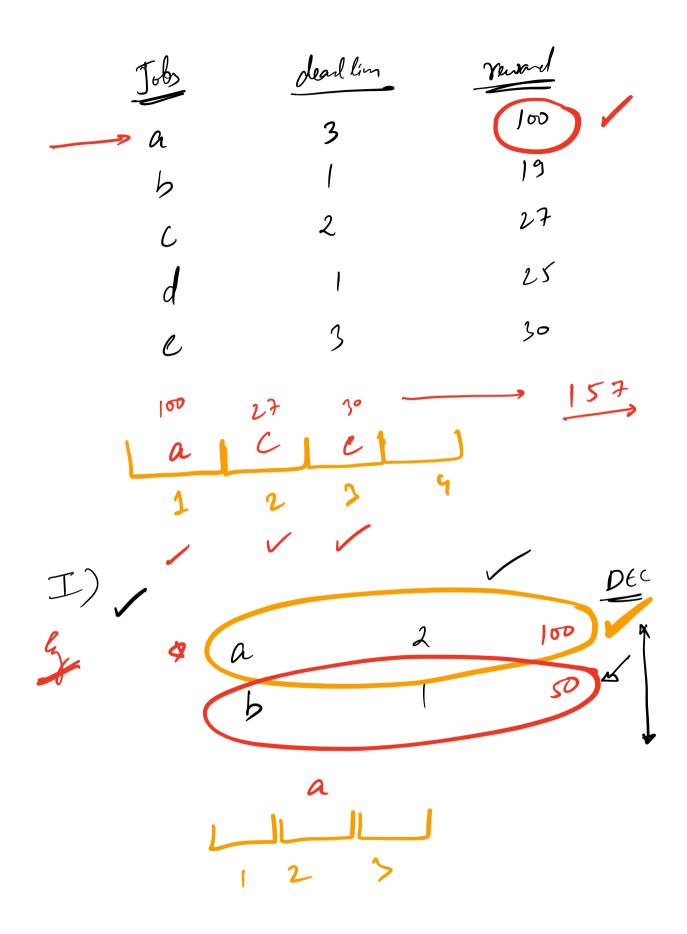
Activity Selection Problem N activities. (3) At I time you will be performing only I Act! Find the MAX no. of activities that you can

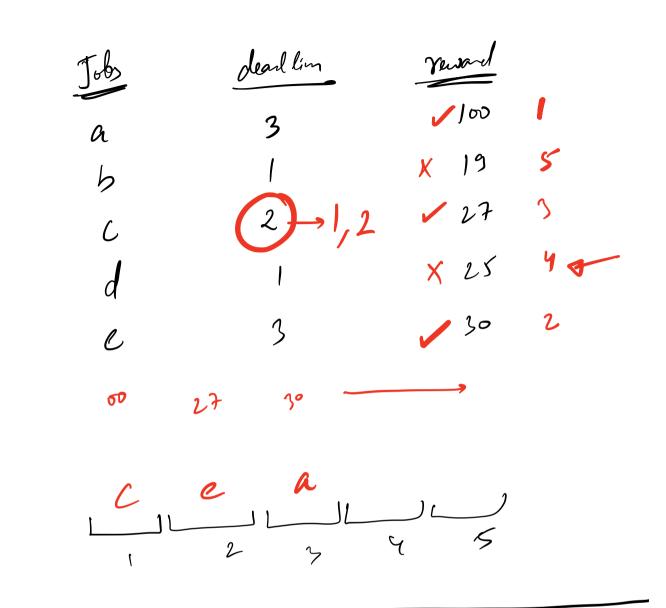
having the Cleast direction Pick the act-10 2) X Pirk the act. with the smallest S.T first. 1) 10 7 5 X G: 1



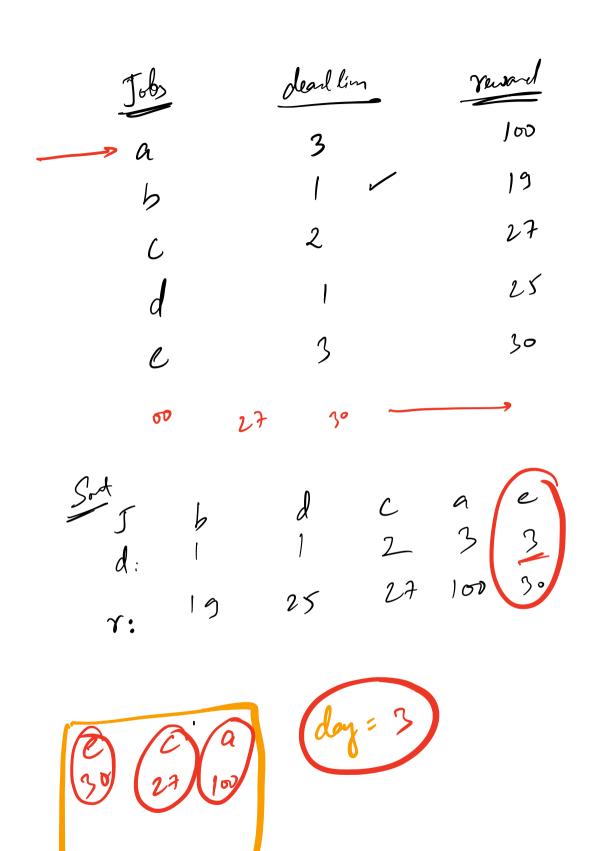


Sout them acc to INC 9 TC: O(N4N) JOB SCHEDULING 1) At a tim, a single job con be performed 1) A job takes I wit of time to comple MAX the amount of reword.





I Sout INC DEADLINE



a d:L: o(1) o(4~) MIN Hup

TC: O(N/N)

SC: O(N)

day = 0; mn < >) Sout (jobs); // INC dead. f(i=0; in N; i++) {

if (dealline[i] > days) {

MM. insent (reward(i)); du s min = mn. getmin(); if (runad (i) > min)} mn. jusut (roward (i3);

Distribute Carolies

N students. -> MARKS.

- 1) Every student should get athest | cardy
- 2) a student should get more cardis flor it's neighbour if his/hur marks are higher flor the neighbour's marks.

GOAL: DISTRIBUTE lest no. of cardin.

A: 1 5 2 1 6 C: 3 2 2

A: 2 6 3 1 10 12 20 5 2

C: 1 3 2 1 2 3 4 2 1

5 10 4

11 1 6

