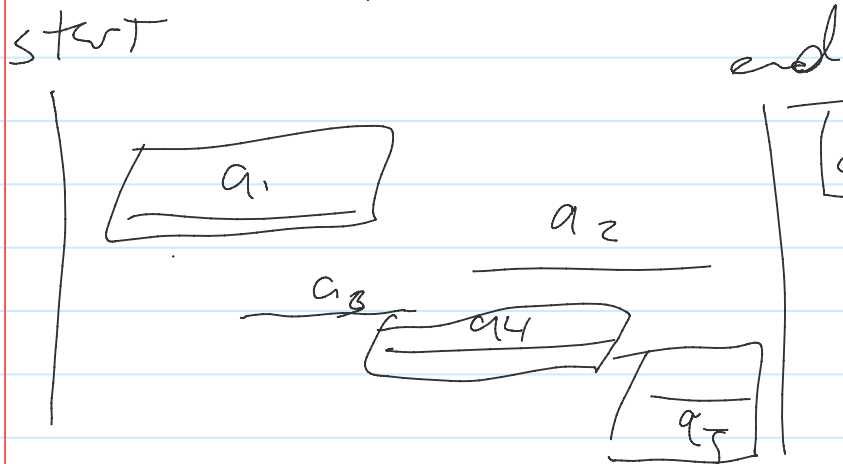


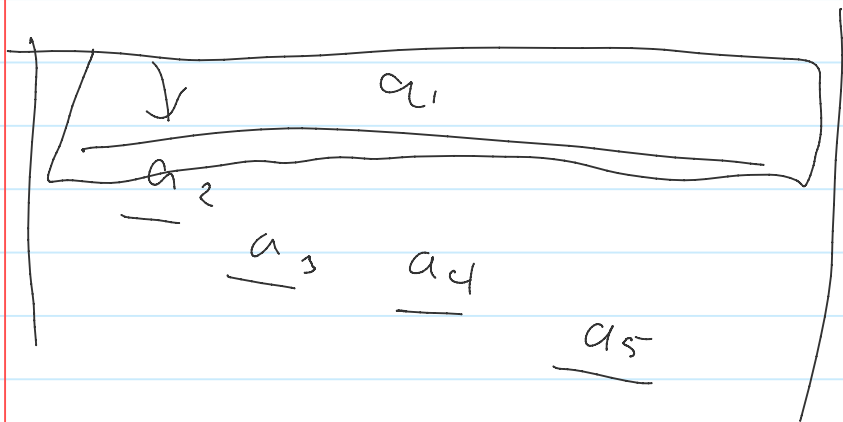
Room Scheduling

Given list of events and their time

Determine max amount of events that can be scheduled



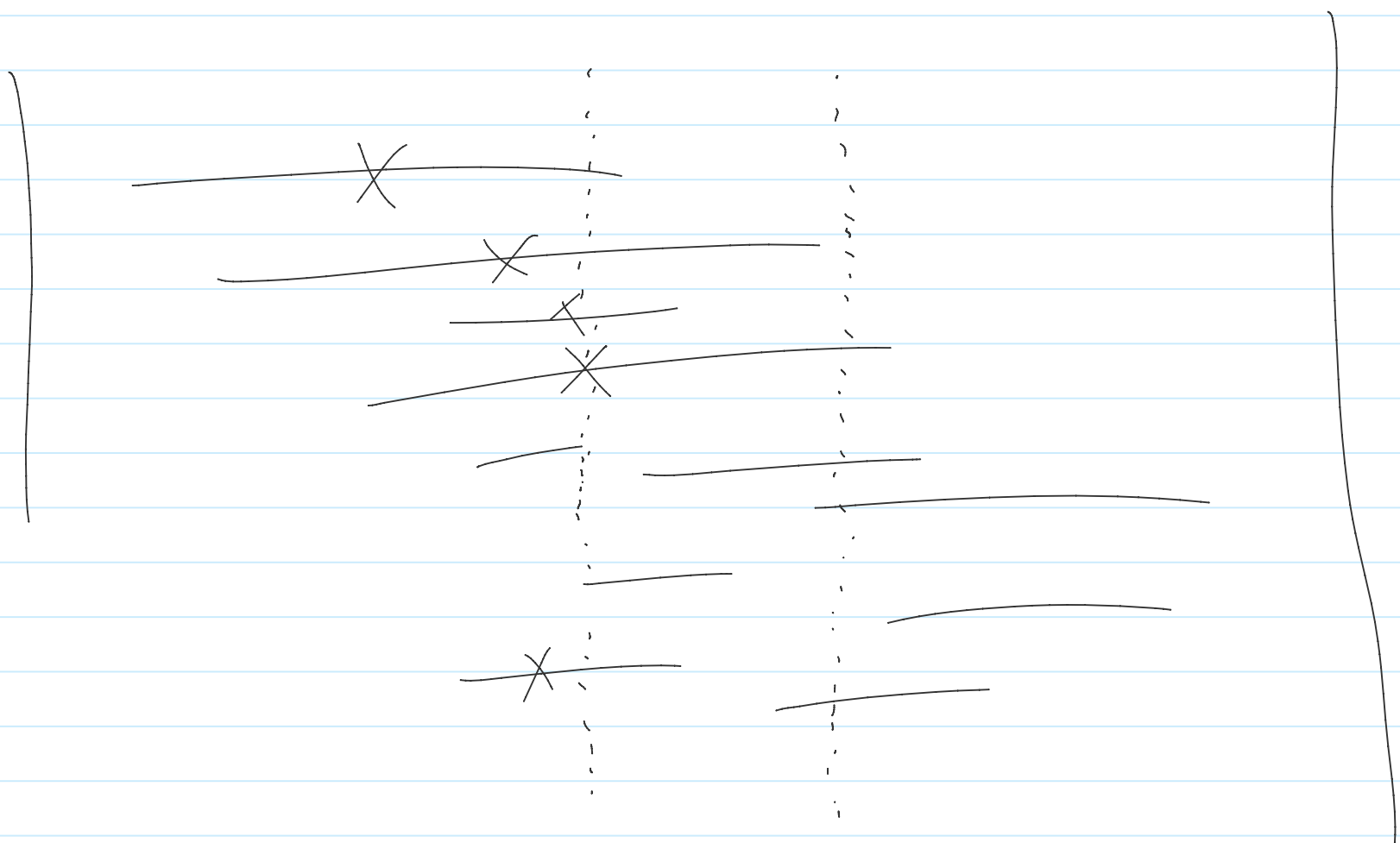
Smallest duration doesn't



start time doesn't work

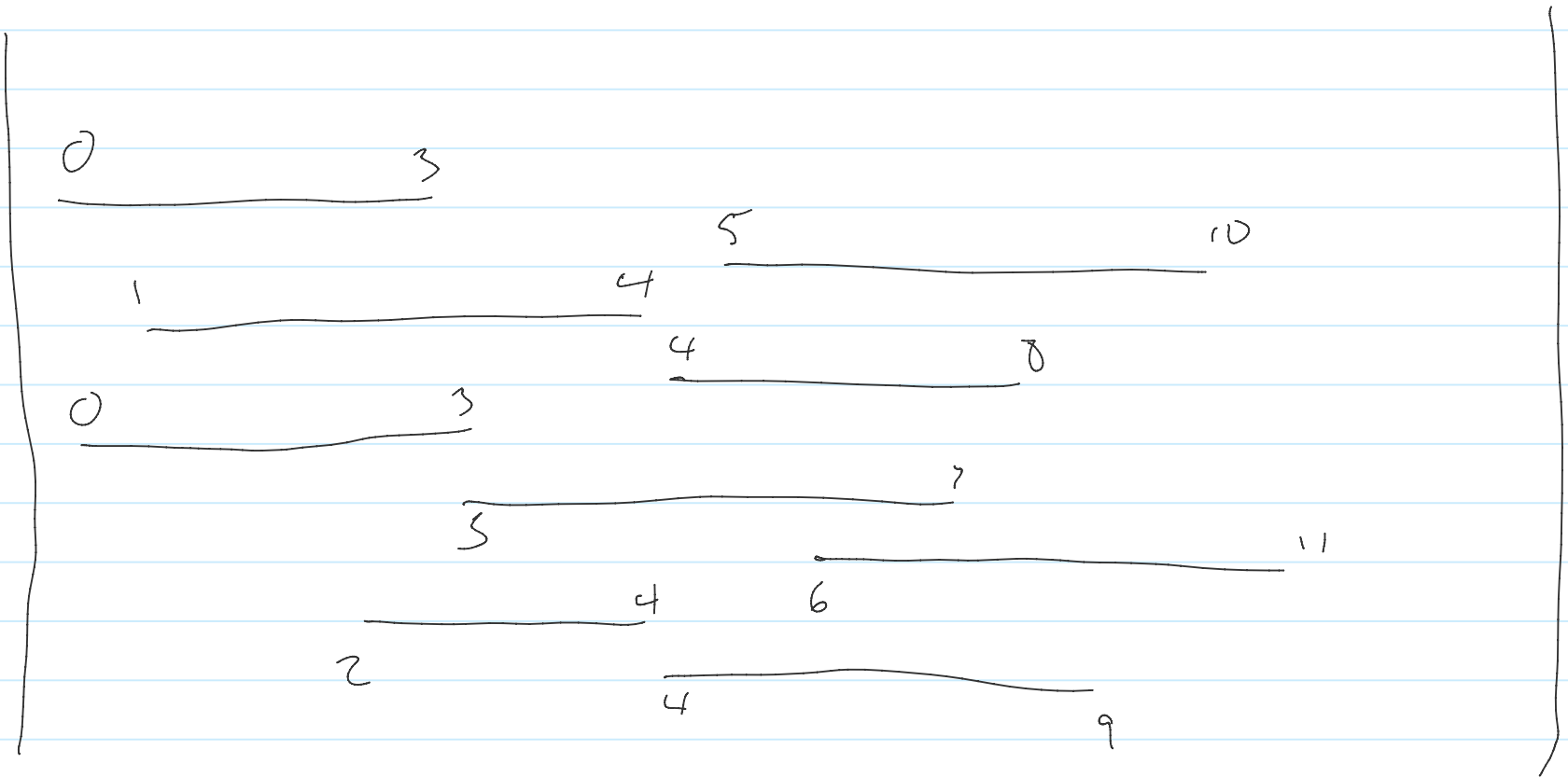
Sort start time in reverse

Sort end time in normal order



Minimum number of rooms to schedule all

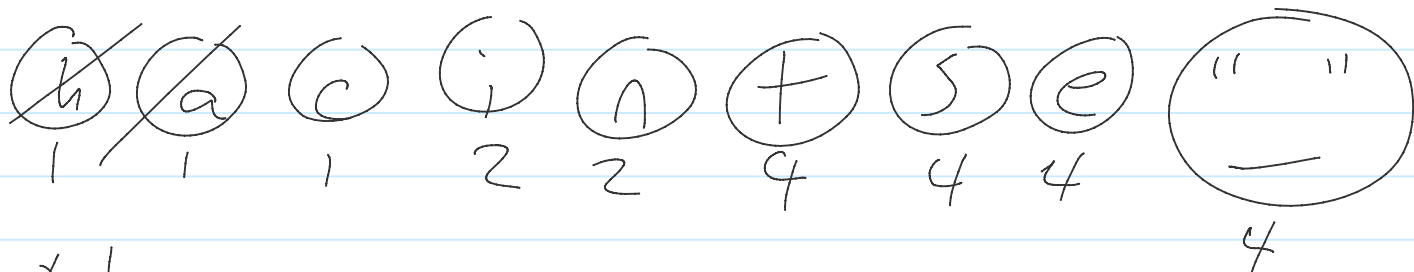
Minimum number of rooms to schedule all the meetings.



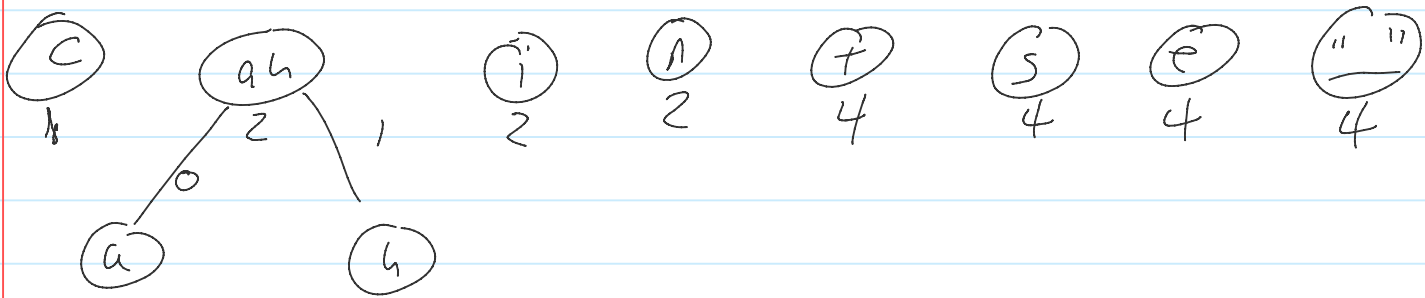
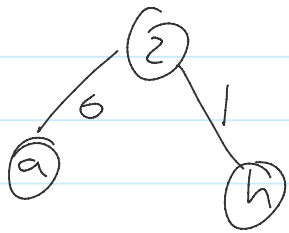
0	3
1	4
0	3
5	10000000
4	8
3	7
6	11
2	4
4	9

"this is a test sentence"

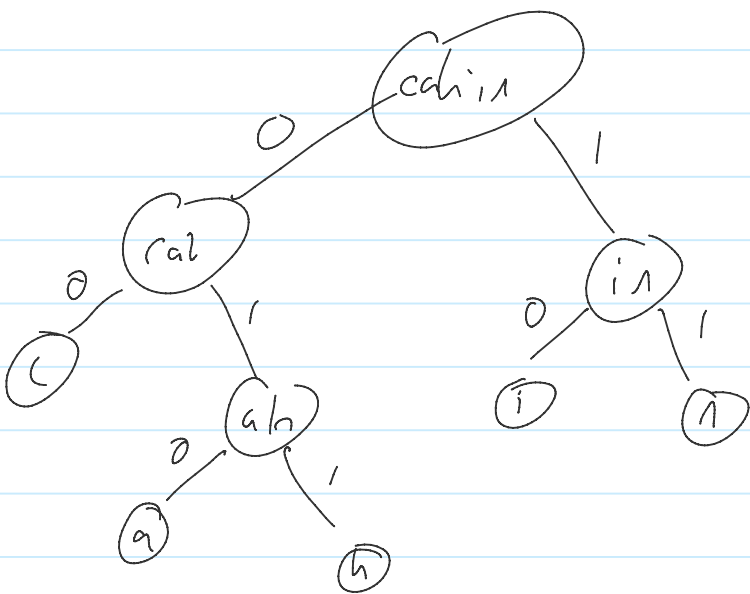
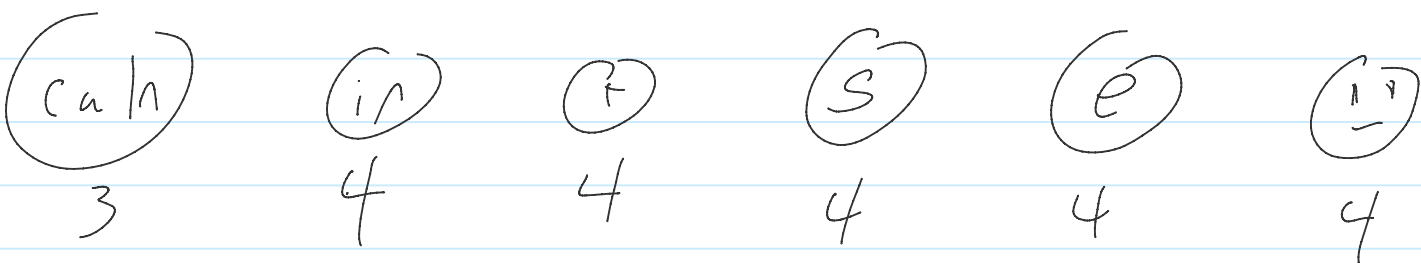
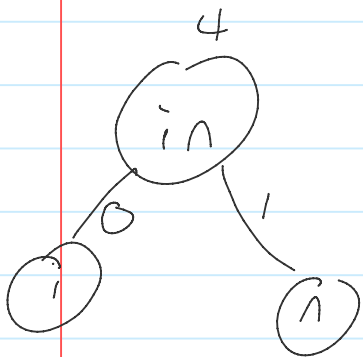
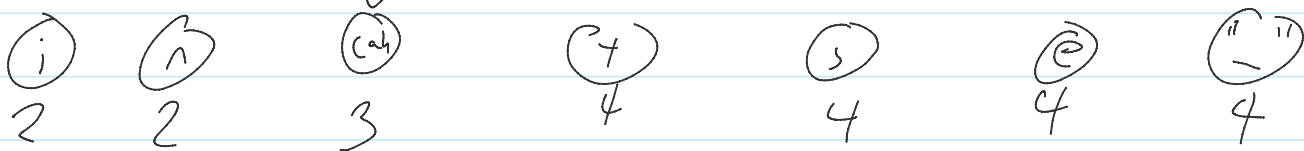
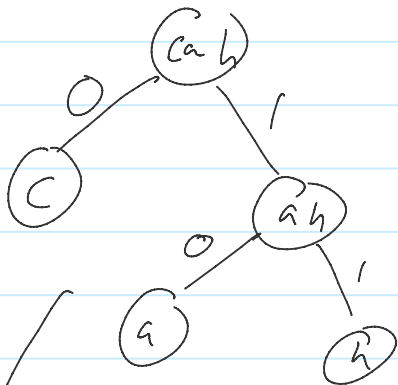
- t 4
- h 1
- i 2
- s 4
- a 1
- e 4
- n 2
- c 1
- " " 4



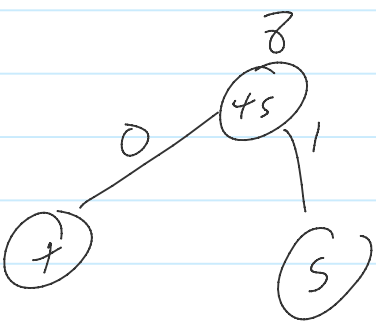
h = x 1
a = x 0



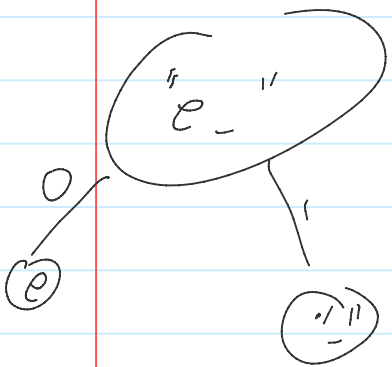
$a \text{ or } h = y \ 1$
 $c = y \ 0$



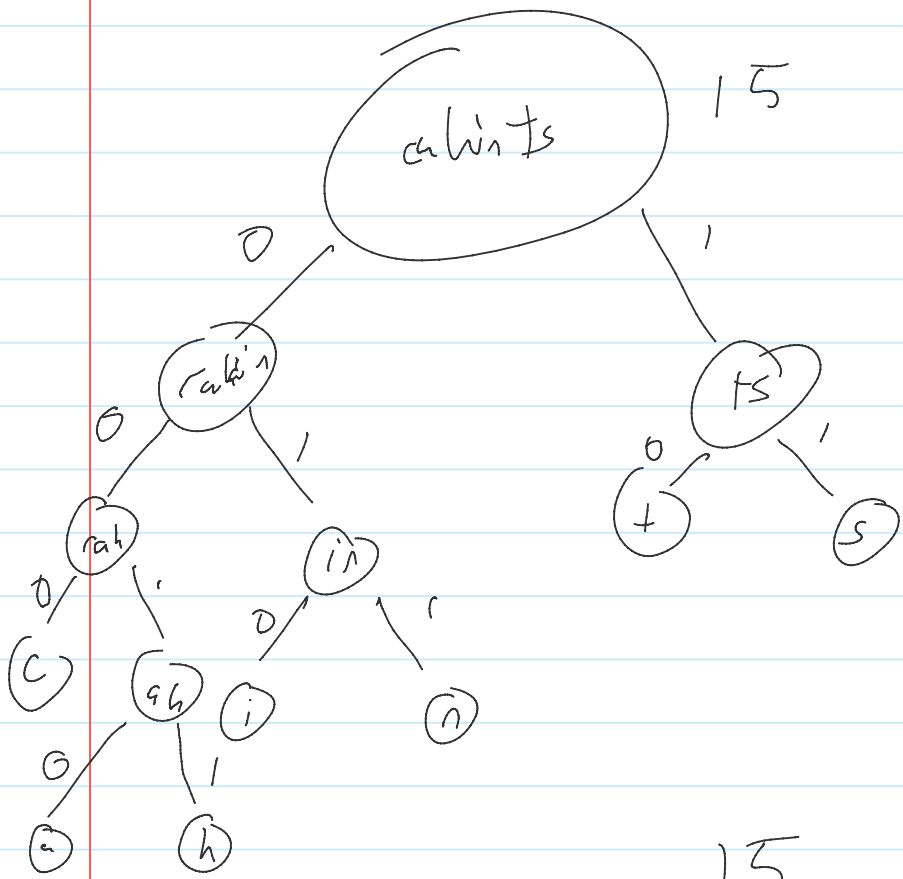
f 4 s 4 e 4 " " 4 calin 7



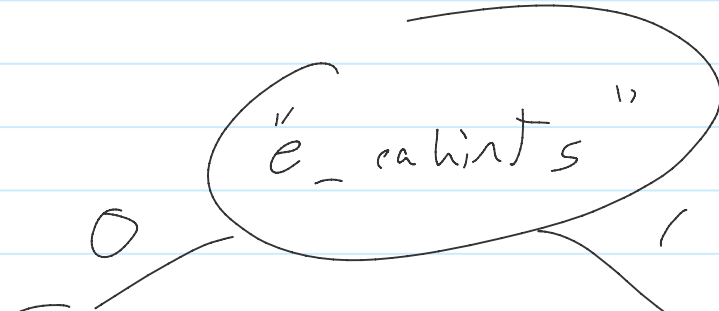
e 4 " " 4 calin 7 fs 8



calin 7 fs 8 " " 8



" " 8
calin 7



$e_ = z 0$
 $calints = z 1$
 $z = " "$
 $= empty \vee str.$

