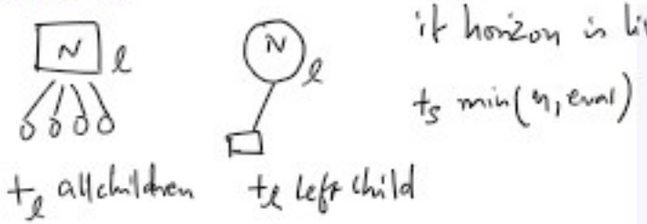
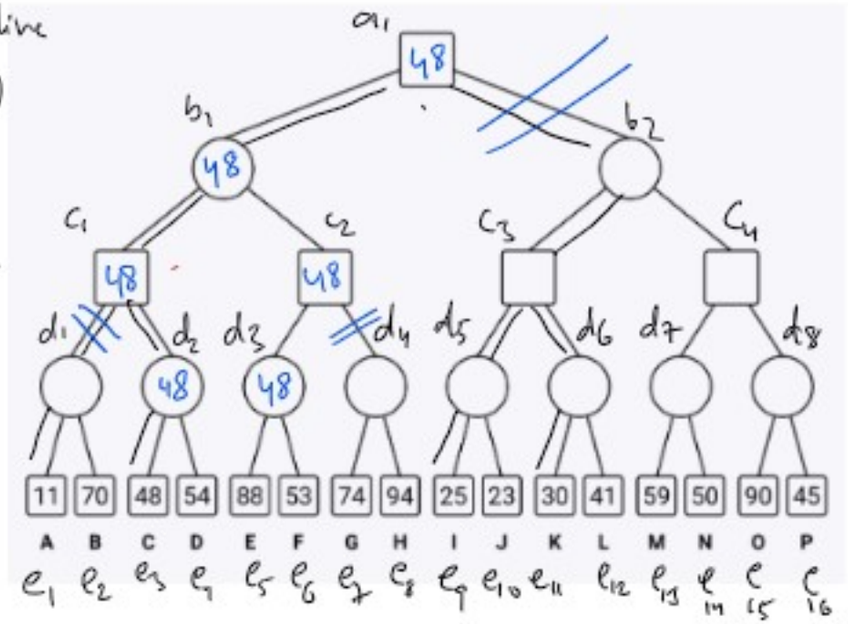
when l



if horizon is live

t_s min(q, eval)

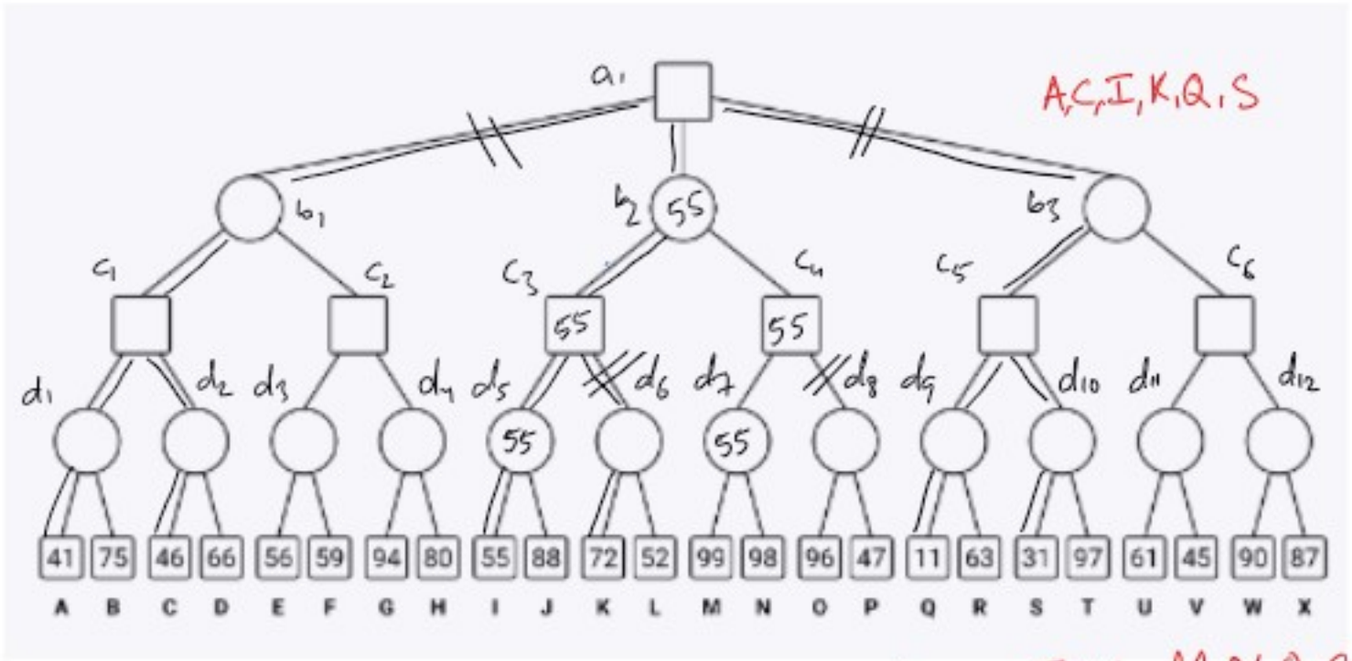
when S



0	e_3 S 48	e_{11} S 30	e_9 S 25	e_1 S 11
1	e_4 l 48	e_{11} S 30	e_9 S 25	e_1 S 11
2	e_4 S 48	e_{11} S 30	e_9 S 25	e_1 S 11
3	d_2 S 48	e_{11} S 30	e_9 S 25	e_1 S 11
4	c_1 S 48	c_{11} S 30	e_9 S 25	
5	c_2 l 48	e_{11} S 30	e_9 S 25	
6	d_3 l 48	d_4 l 48	e_{11} S 30	e_9 S 25
7	e_5 l 48	d_4 l 48	e_{11} S 30	e_9 S 25
8	e_5 S 48	d_4 l 48	e_{11} S 30	e_9 S 25
9	e_6 l 48	d_4 l 48	e_{11} S 30	e_9 S 25
10	e_6 S 48	d_4 l 48	e_{11} S 30	e_9 S 25
11	d_3 S 48	d_4 l 48	e_{11} S 30	e_9 S 25
12	c_2 S 48	e_{11} S 30	e_9 S 25	
13	b_1 S 48	e_{11} S 30	e_9 S 25	
14	a_1 S 48			
15	[ ]			

Initial Clusters Horizon nodes: A, C, I, K

SSS* Solved status for Horizon nodes: A, C, I, K, D, E, F



A,C,I,K,Q,S

A,C,I,J,K,L,M,N,Q,S

when d

t_d All child

t_l left child

if N in Horizon

t_s min(h, eval)

when S

t_s P

t_l next Sibling

t_s P & prune everything

0 KS72 IS55 CS46 AS41 SS31 QS11

1 LL72 "

2 IS55 LS52 CS46 AS41 SS31 QS11

3 JL55

4 JS55 LS52 CS46 AS41 SS31 QS11

5 d_5S55 LS52 CS46 AS41 SS31 QS11

6 C_3S55 CS46 AS41 SS31 QS11

7 C_4L55

8 d_7L55 d_8L55 CS46 AS41 SS31 QS11

9 ML55

10 MS55 d_8L55 CS46 AS41 SS31 QS11

11 NL55

12 NS55 d_8L55 CS46 AS41 SS31 QS11

13 d_7S55 d_8L55 CS46 AS41 SS31 QS11

14 C_4S55 CS46 AS41 SS31 QS11

15 b_2S55 CS46 AS41 SS31 QS11

16 a_1S55

17 [ ]