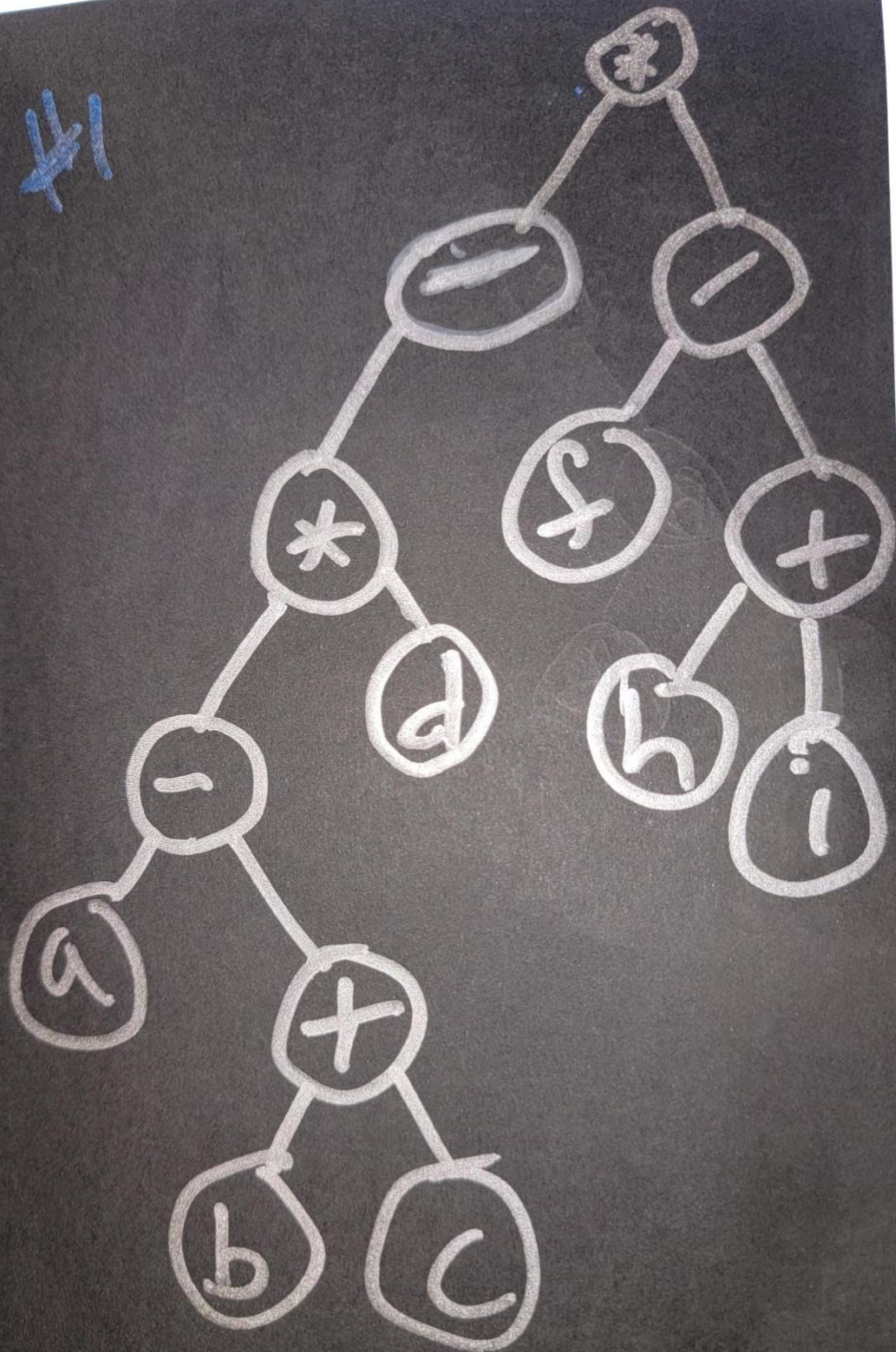
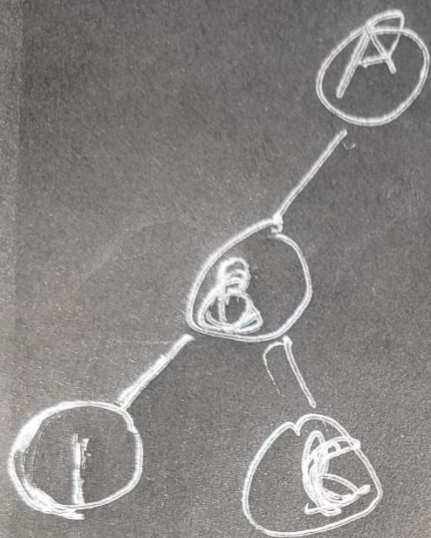


41



#2



#3a 4

b 4

c ~~1~~ 0

d 3

e. 001, 0020, 0052,
0083, 0097, 0125,
0152

f. 4

pre 0100, 0050, 0003, 0001, 0020, 0080,
5. 0052, 0010, 0083, 0077, 0150, 0125, 0152
in 0004, 0003, 0020, 0050, 0052, 0080, 0083, 0090,
0077, 0125, 0150, 0152

post 001, 0020, 0003, 0052, 0083, 0011, 0010, 0080, 0050, 0125,
0152, 0150, 0100

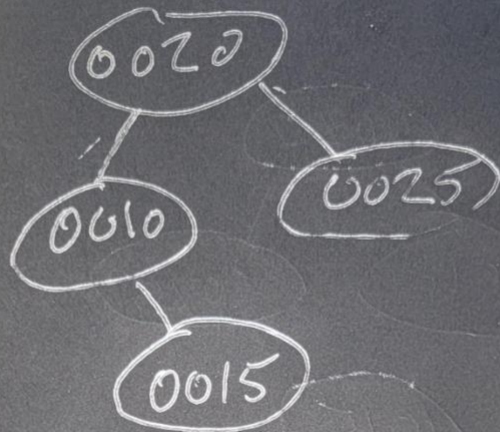
4a. An AVL is

a self balancing binary tree

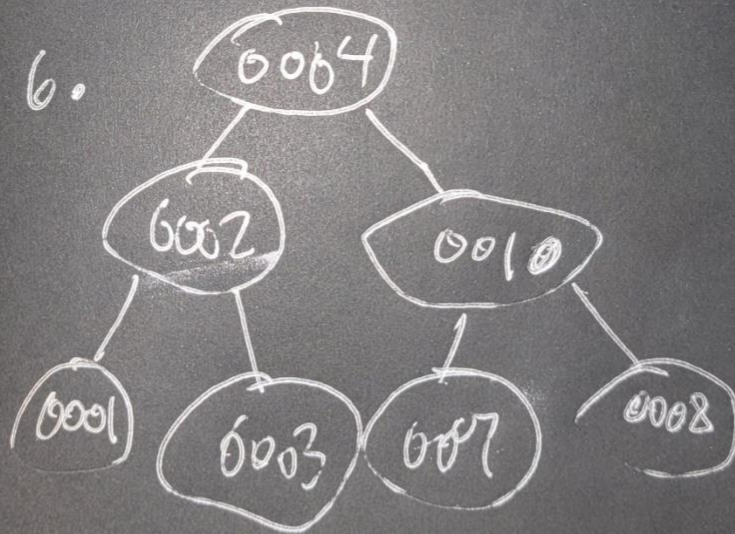
b. ~~The depths are~~

By keeping the tree balanced, you the height as low as possible to keep search time as low as possible

5.



6.



7

