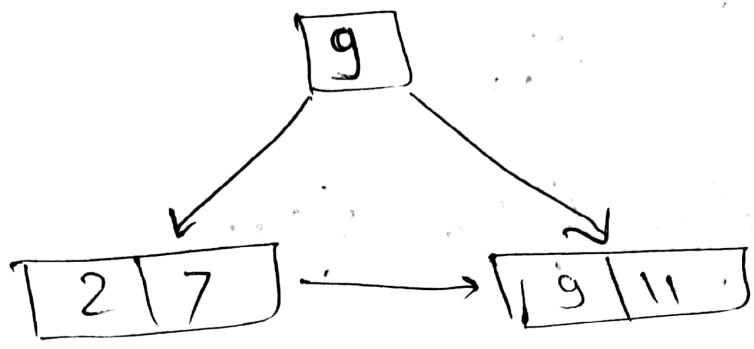


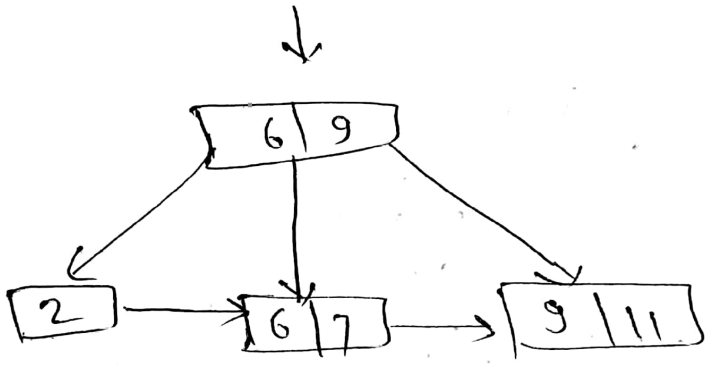
Q.7 order = 2

We have,

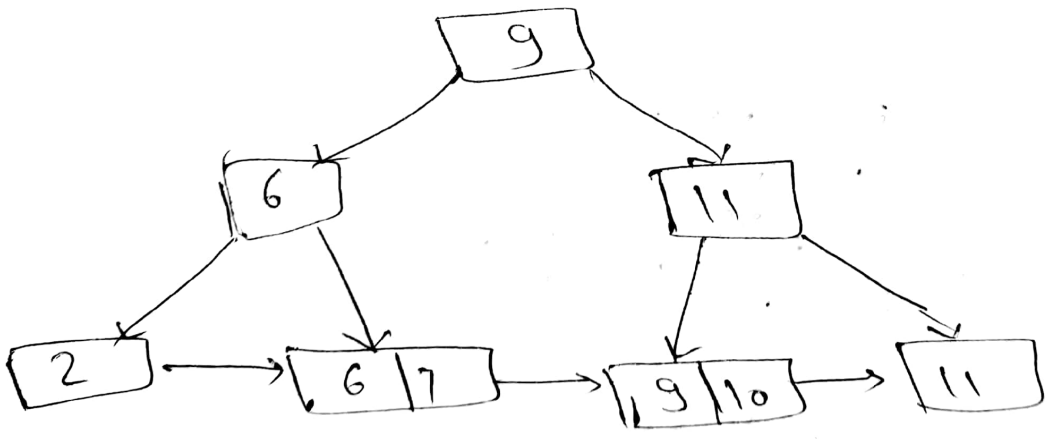
Initial



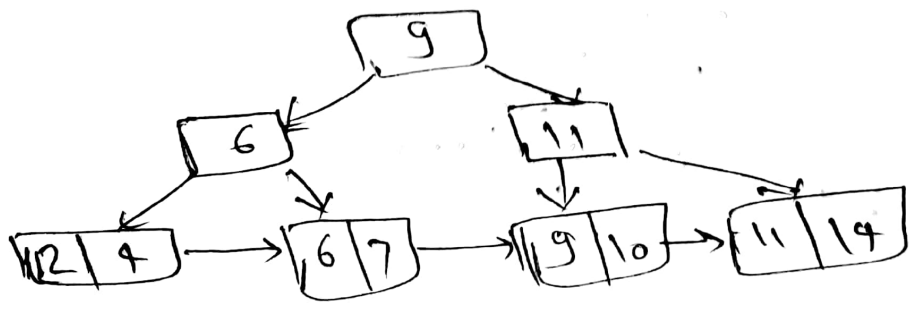
Insert 6



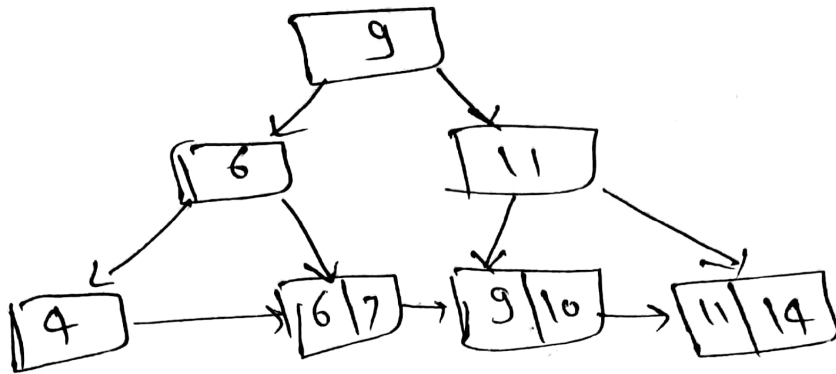
Insert 10



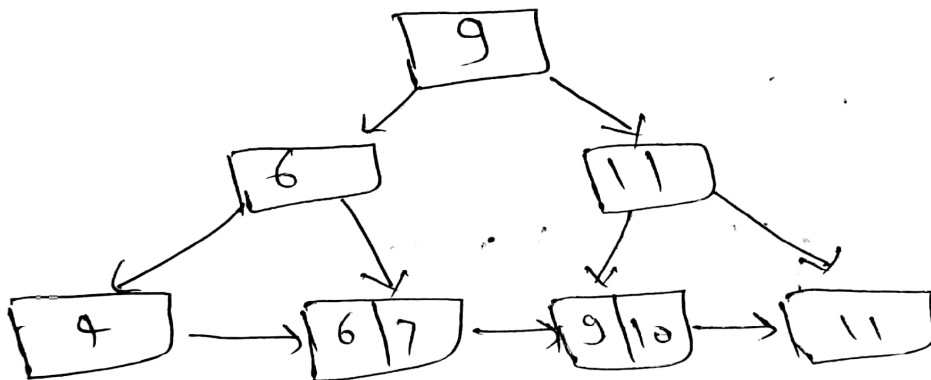
Insert 2, 14



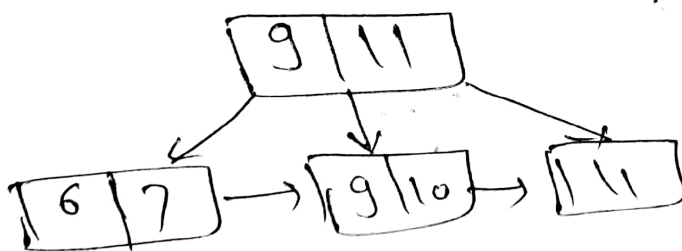
delete 2



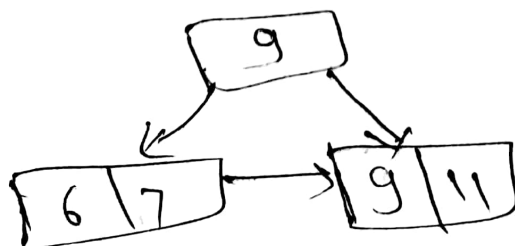
delete 14



delete 4



delete 10

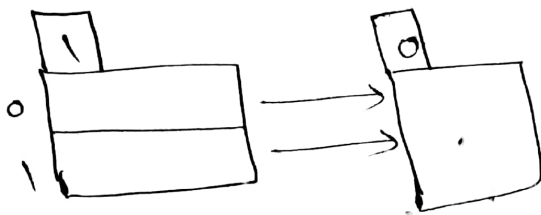


Q.8 We have,

Initial Global depth = 1

Local depth = 0

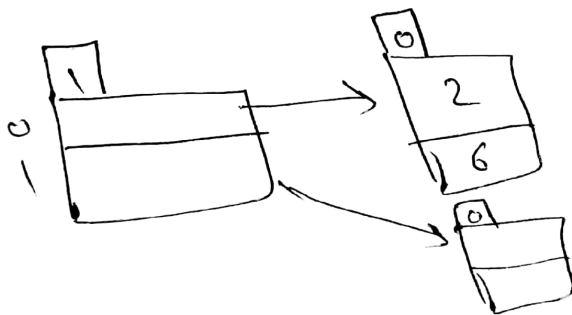
and block can hold at most 2 records.



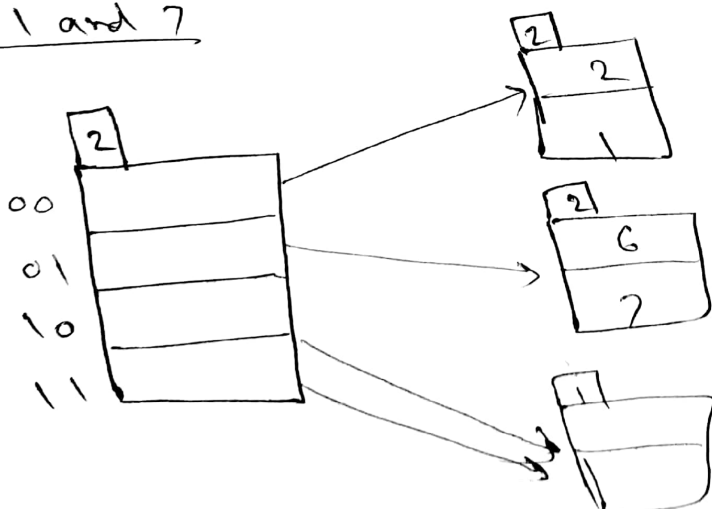
Binary codes

0	0000
1	0001
2	0010
3	0011
4	0100
5	0101
6	0110
7	0111
8	1000
9	1001

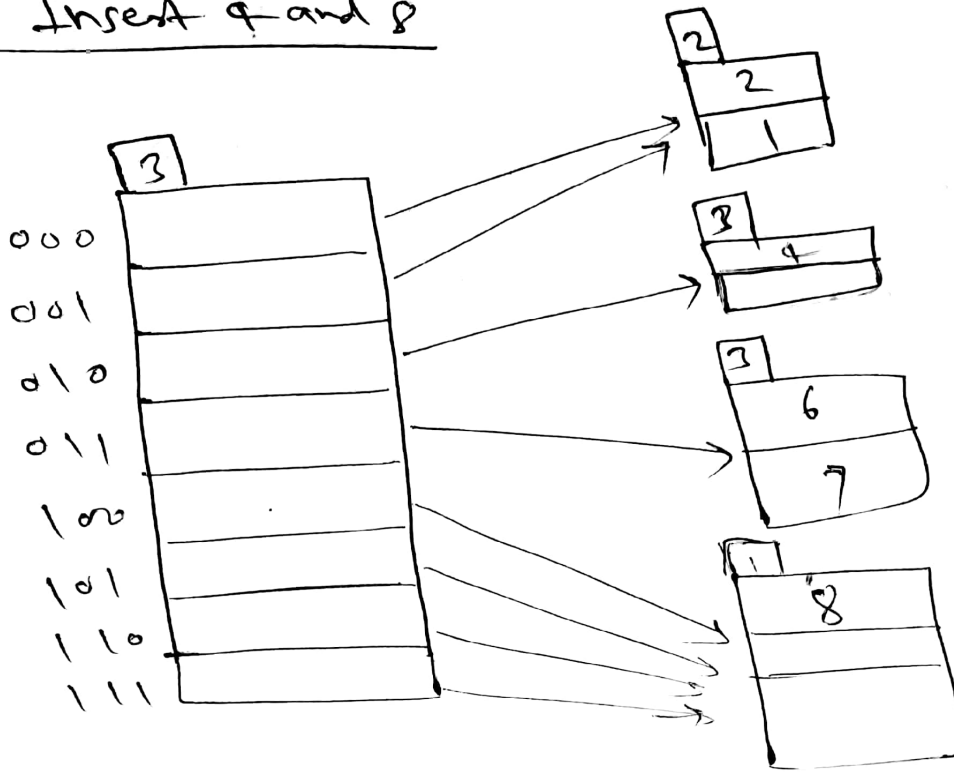
Insert 2 and 6



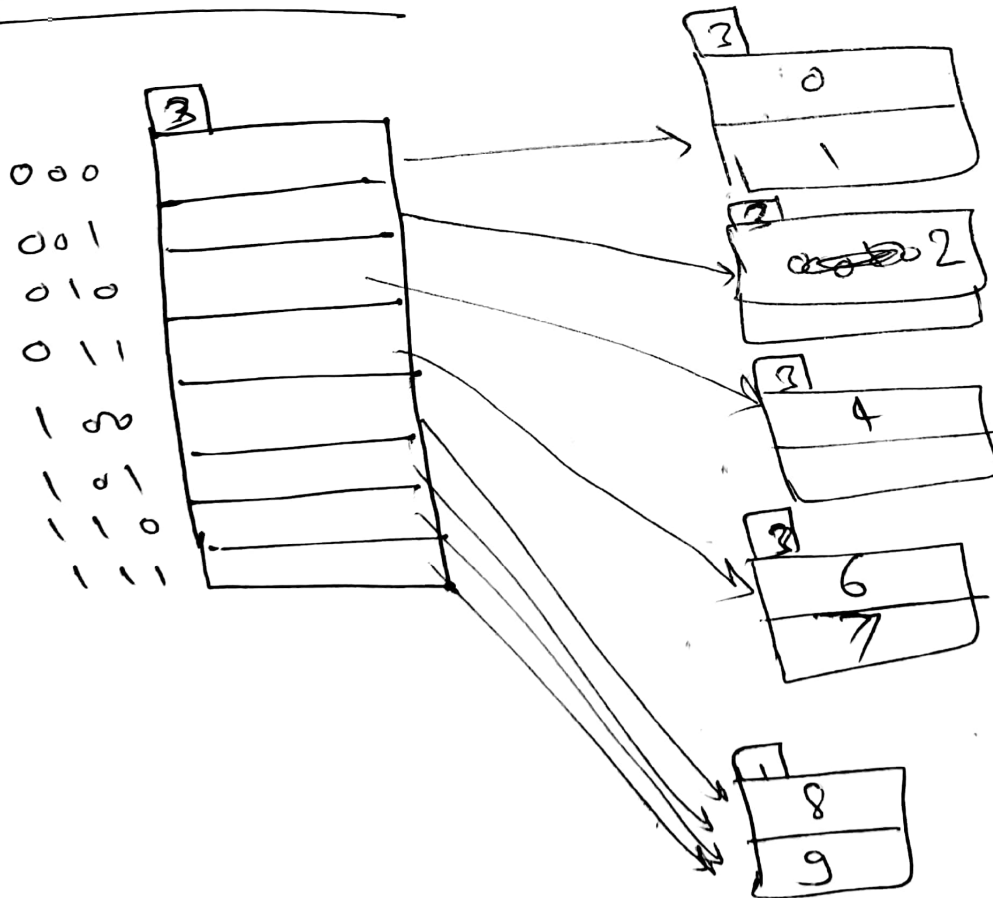
Insert 1 and 7



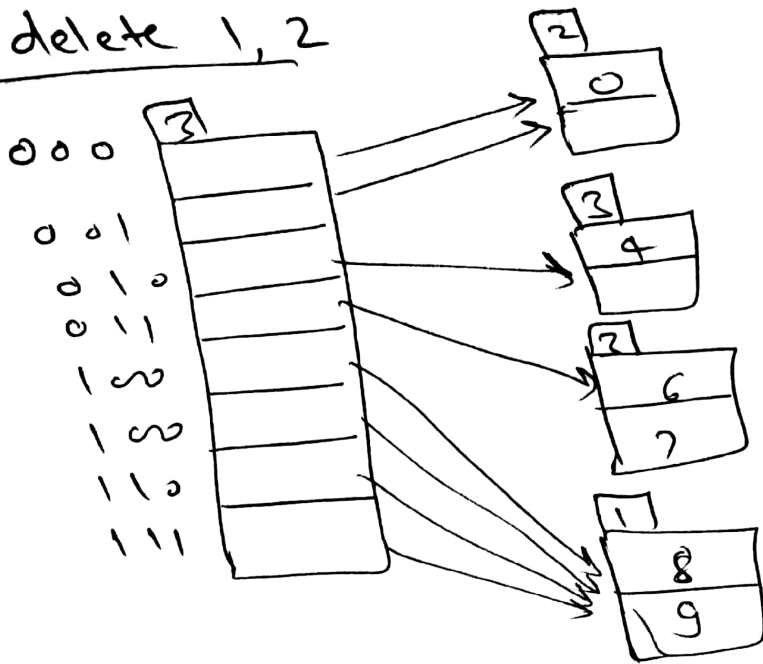
Insert 4 and 8



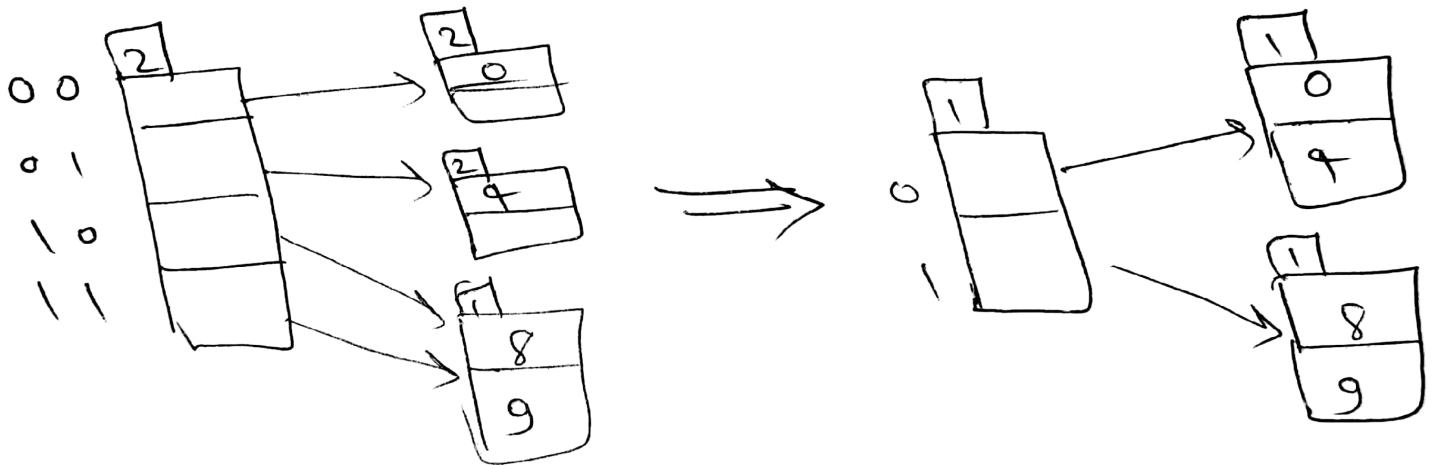
Insert 0 and 9



delete 1, 2



delete 6, 7



delete 0, 9

