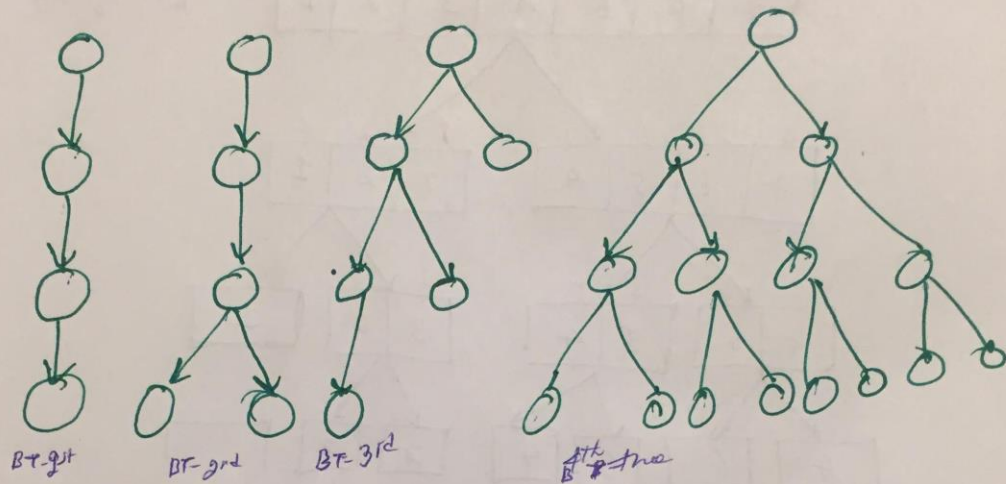


Problem 4

(a) Drawing of binary tree



(b) True " for the max BT.

1 st = 1	leaves ≤ 8
2 nd = 2	" ≤ 8
3 rd = 3	" ≤ 8
4 th = 8	" ≤ 8

(c) Every Binary tree of height \boxed{n} has
at most 2^n leaves.