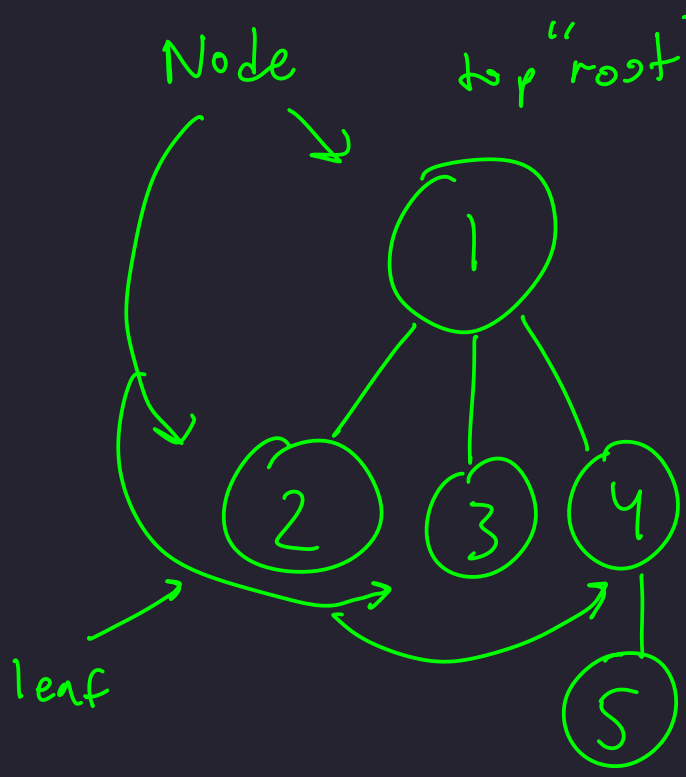


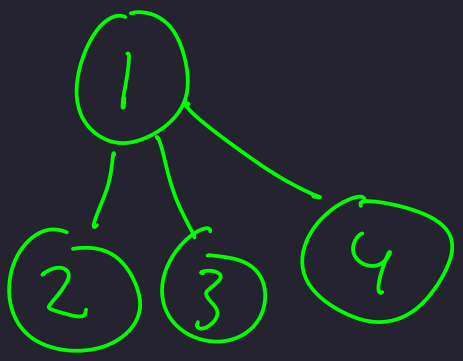
- value:
  - can be string, number, anything
  - eg: 1
- children / branches
  list [child1, ...]

tree(1) → 1

"tree object"

t = tree(1, [tree(2), tree(3), tree(4)])

[1, [[2] ...]

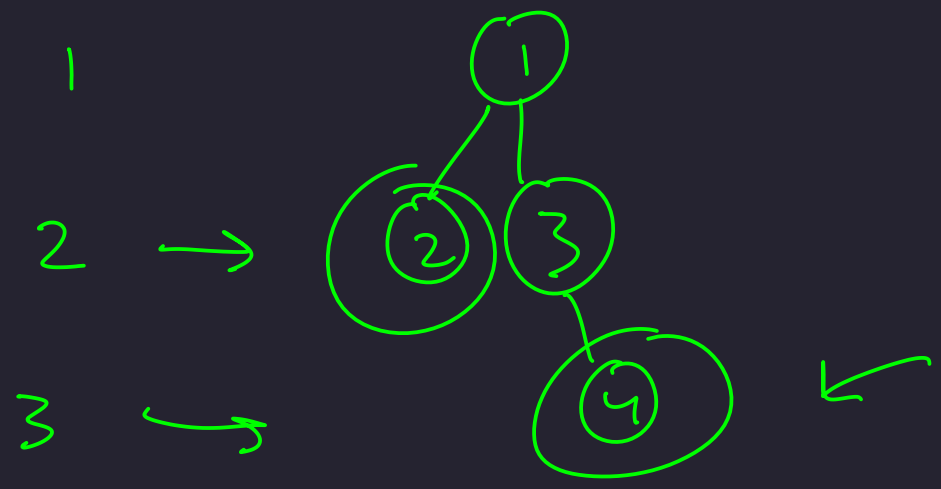


is_tree(t) == True

is_tree(1) == False

↑ integer ≠ tree

- Leaf: Node w/ no children 1 ✓



print tree

1
2
3
4

breaking abstraction

barrier

copy_tree(t)

t = ① → ①

t[0] = 2

t = ②

t = tree(1)
y = copy_tree(t)

y → ①

t = tree(3)
y = copy_tree(t)

t → ③
y → ③