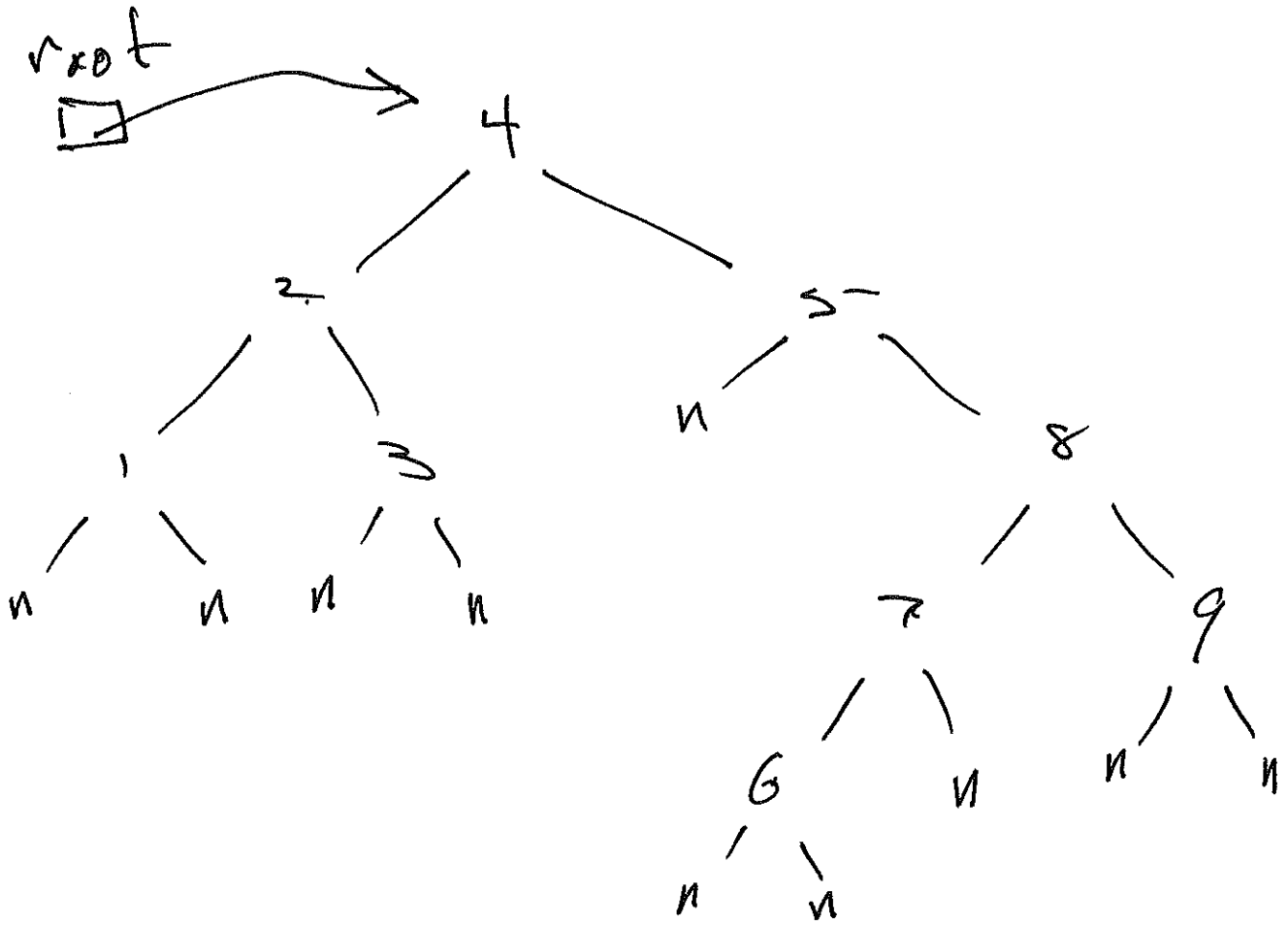


CSE 101 2-24-25

1

Ex: in-order-tree-walk



Print : 1, 2, 3, 4, 5, 6, 7, 8, 9

Post-order tree-walk

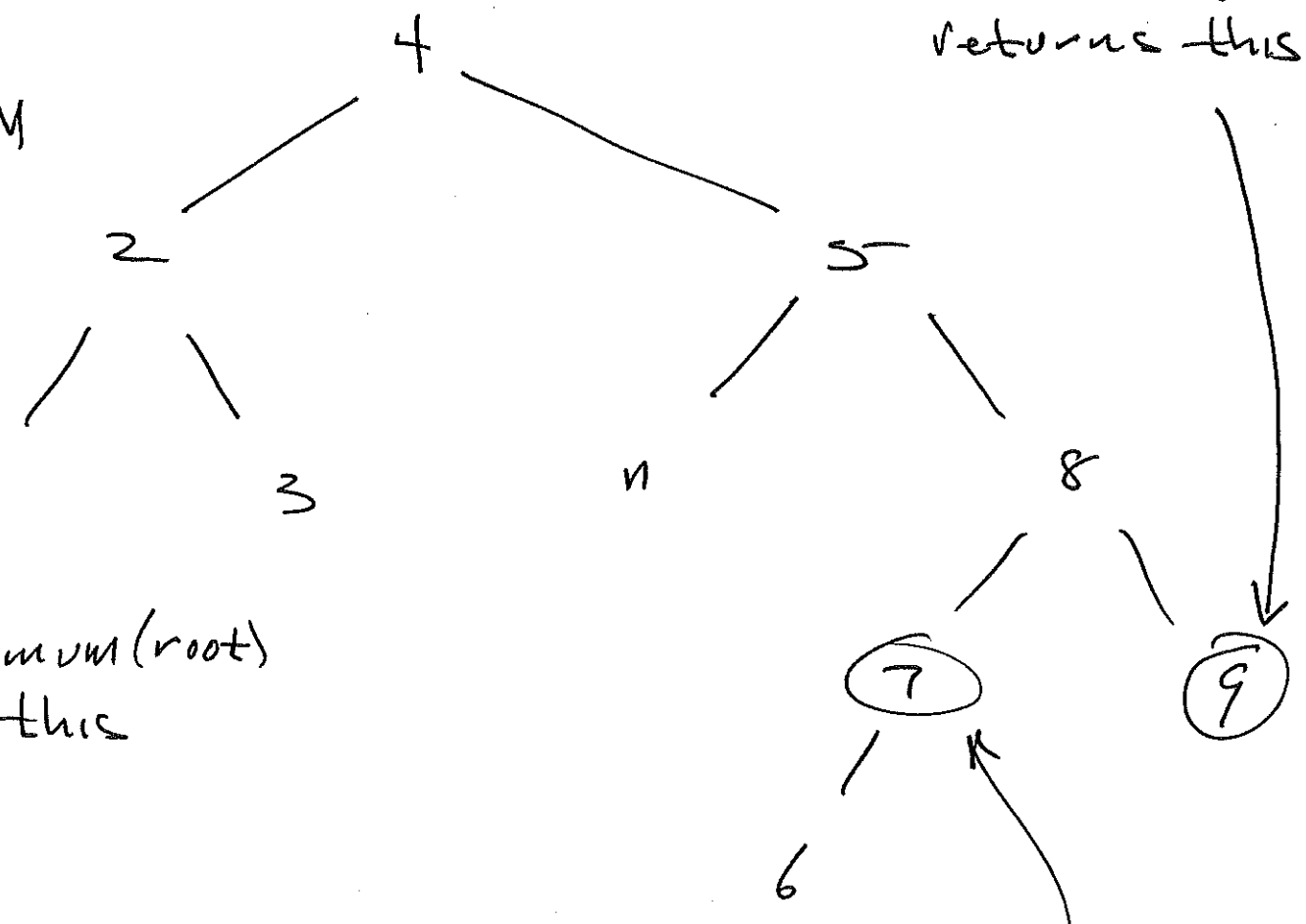
1, 3, 2, 6, 7, 9, 8, 5, 4
left right root

Tree Search

TreeMaximum(root) returns this

TreeMinimum(root) returns this

TreeSearch(root, 7) returns this



Defn

- the height of a tree is the depth of deepest leaf.
- The height of a node x is the height of subtree rooted at x

Defn

The Successor of a node x is the next node after x to be processed in an in-order tree walk

Ex.