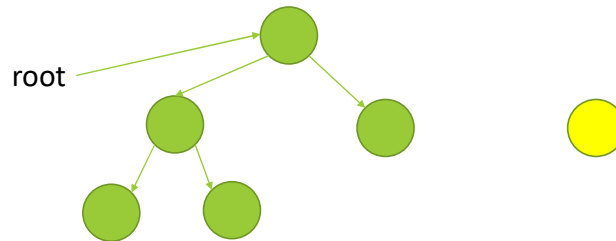


Review SW for
Linked Lists and
Trees

Write sorted Linked List example...

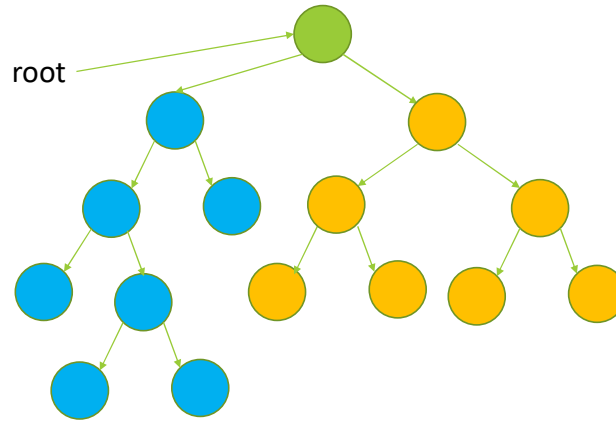
Tree



How do we add it? WHERE do we add it?

- Could be sorted order: do code in Eclipse with random numbers

Recursive Tree Operations

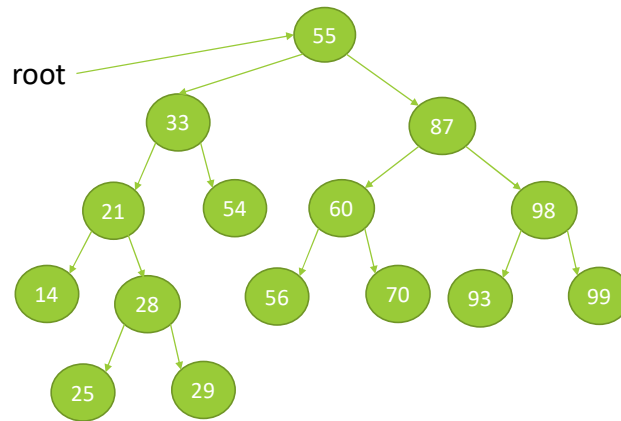


"Each Node looks like the root of its subtree"

Can we express an operation on the tree in terms of sub-operations on subtrees?

Search, add up, find min, etc

Searching a Sorted Tree



Every left-child is "less than" its parent.
Every right-child is "greater than" its parent.

How to search for **68**?

Search for a value in $\log_2(N)$ time

Worst case? Build tree with sorted values. What happens?

Non-binary Trees

NonBinaryTree.java

- Add print() method