

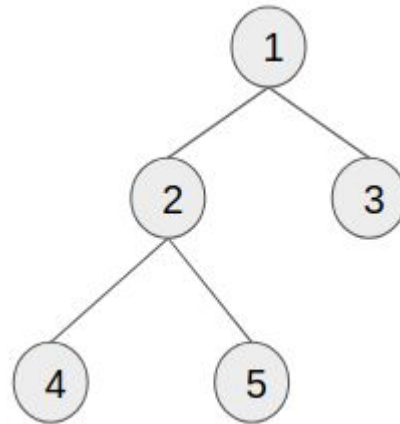
# CS2040/C

Friday, 05 October 2018

## LAB DEMO 05

# Tree

- Create a complete binary tree in C++
- Insert a set of integers in the tree from left to right
- Input: 1 2 3 4 5
- Tree:



# Tree

- Print tree elements in pre-order, in-order and post-order fashion
- Find the height of the tree, size of the tree
- Find the number of leaf nodes in the tree
- Explain recursion