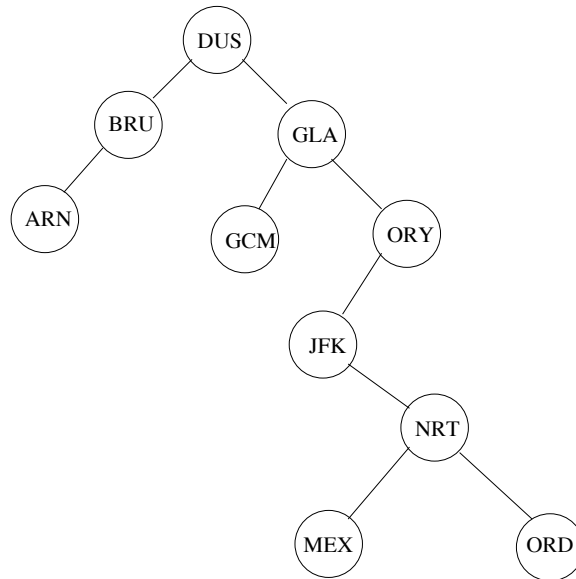


Quiz 3

Instructor: Sandy Irani

1. Write out the nodes of the following tree in postorder, preorder and inorder. Indicate clearly which is which.



2. Draw a picture of a binary tree of height 2 that has the most possible nodes.
3. Consider a binary tree of height h with the most possible nodes. Give a mathematical expression for the number of **leaves** the tree has in terms of h .