**Tree Traversals**

void traverse(BinaryTreeNode<int> \* root, vector<int> &pre, vector<int> &ino , vector<int> &post){

    if(root==NULL) return;

    pre.push\_back(root->data);

    traverse(root->left,pre,ino,post);

    ino.push\_back(root->data);

    traverse(root->right,pre,ino,post);

    post.push\_back(root->data);

}

vector<vector<int>> getTreeTraversal(BinaryTreeNode<int> \*root){

    // Write your code here.

    vector<vector<int>> ans;

    vector<int> pre;

    vector<int> ino;

    vector<int> post;

    traverse(root,pre,ino,post);

    ans.push\_back(ino);

    ans.push\_back(pre);

    ans.push\_back(post);

    return ans;

}