**Tree Traversals**

#include <bits/stdc++.h>

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;

}