Problem Link:

<https://leetcode.com/problems/n-ary-tree-preorder-traversal/>

Solution:

/\*

// Definition for a Node.

class Node {

public:

int val;

vector<Node\*> children;

Node() {}

Node(int \_val) {

val = \_val;

}

Node(int \_val, vector<Node\*> \_children) {

val = \_val;

children = \_children;

}

};

\*/

class Solution {

public:

vector<int> res;

void dfs(Node\* node) {

if(!node)

return;

res.push\_back(node->val);

for(Node\* c : node->children)

{

dfs(c);

}

}

vector<int> preorder(Node\* root) {

dfs(root);

return res;

}

};