Lab 5: Tree Traversal

Implement Tree Traversal (Inorder, Preorder, Postorder). Your Tree ADT has twelve nodes. You should implement three functions for printing the tree traversal results.

* **Inorder** print the tree traversal result using inorder traversal.
* **Preorder** print the tree traversal result using preorder traversal.
* **Postorder** print the tree traversal result using postorder traversal.

A tree is shown below.

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|  |

1. Tree ADT

(1) Data Specification for the objects

Typedef struct Tree\_node {

int key;

struct Tree\_node \*left;

struct Tree\_node \*right;

}Tree\_node;

(2) Function specification

* Tree\_node\* CreateNode(int key)
* void Preorder(Tree\_node\* node)
* void Inorder(Tree\_node\* node)
* void Postorder(Tree\_node\* node)

2. Program description

* name : p5.c
* output : the corresponding result in the standard output

Submit to the course gitlab your source code. (~2020/4/23 23:59)