Data Structures

Lab 8: Binary Tree
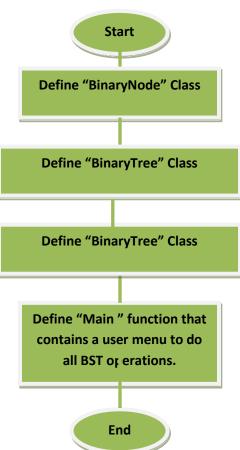
Lab work:

   This Lab aims to develop your practical knowledge about tree by using the theoretical knowledge you had from lectures in order to build a Java program that implements a Binary tree.

   The program consists of three classes: BinaryTree, BinaryNode, and Main. Your program should follow the following flowchart.

The Operations:

   The operations that we will use in this lab are:

- Insert(Object x)
- PreOrder traversal()
- PostOrder traversal()
- inOrder traversal()
- PreOrder traversal()
- getSize()

```
          Start

  Define "BinaryNode" Class

  Define "BinaryTree" Class

  Define "BinaryTree" Class

  Define "Main " function that
  contains a user menu to do
  all BST operations.

           End
```

I.Manal Abdulaziz