**Lab5 - Elementary Trees**

Convert the TreeArray C++ source code into a BinaryTree, using this TreeNode definition:

class TreeNode<T>

      T data

      TreeNode<T> left

      TreeNode<T> right

Since this TreeNode is a generic Template, use any data file we've used this quarter to store the data in the BinaryTree.  To do this will likely require writing a compare function or operator.

Hint:  Think LEFT if the index is calculate (2n+1) and RIGHT if index is (2n+2)

Inorder

---|---|1

---|---|---|25

---|35

42

---|---|59

---|---|---|63

---|---|---|---|65

---|68

---|---|70

---|---|---|79

Press any key to continue . . .

Preorder

42

---|35

---|---|1

---|---|---|25

---|68

---|---|59

---|---|---|63

---|---|---|---|65

---|---|70

---|---|---|79

Press any key to continue . . .

Postorder

---|---|---|25

---|---|1

---|35

---|---|---|---|65

---|---|---|63

---|---|59

---|---|---|79

---|---|70

---|68

42