**SUMMARY**

First of all there are two classes below the class program first one for the binary sort tree nodes and the other one is for the operations performed within tree i.e. treesort. There are several operations within the tree sort they are listed below:

* Insert
* Delete
* Inorder sort
* Height
* Size

In Insert we will first make a binary tree then add element in an insert function. After that there is a function of delete if you want to delete we can use that too. After the delete function there is a function of inorder traversal in order to get elements sorted. We can also know the size and height of elements by using height and size functions. There will be the exception if the user inputs a float value while inserting the elements in tree.

**HOW TO RUN THE CODE**

There are multiple options from which we can choose whether to delete, insert, to know the height or size and to make elements in a sorted tree order.

* First Option is to insert the size of the tree and then it allows to insert the elements.
* Second Option is to insert the element you want to delete from the tree.
* Third Option is to get the sorted list of the elements.
* Fourth option is to get the height of the tree.
* Fifth Option is to get the size of the tree.

After every option this program ask the user to continue if the user press Y or y the program continues and the user can select the option he wishes for or if he presses N or n the program ends .

**This code runs on visual studio 2013.**

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