200626021

Output:-

When we search for Number Not Stored In tree:-

****

Integer stored in Trees are :

1 2 5 8 9 23 58 95 132 523 8452 8634 53542 249682 256542

****

Enter the number to be search

67

Sorry Number n: 67 is not stored in tree.

When we search for Number Stored In tree:-

****

Integer stored in Trees are :

1 2 5 8 9 23 58 95 132 523 8452 8634 53542 249682 256542

****

Enter the number to be search

58

Number n: 58 is present in tree.

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Description: -

Insert: insert stored integer in tree based on how big it is.

Search : Search will search for whether an integer exist in the tree

Print : Print will print all the number stored in tree in ascending order

Delete_Tree: Will free the memory occupied by tree structure(Destructor)

Tree: Constructor, will initialize a base root node to null

Get_node:: create a new node and assign its root value passed to it.

All the member defined above are public member of Class Tree (except Get_node which is private).

Another class node is created which basically create a node which can contain some value, and initialize two new node (one pointing to left and one pointing to right).

File Description:

The folder contain two file, class.cpp which have the code for creating the tree class and the other file is main.cpp which is the driver code for this Search tree.

Compilation:

g++ main.cpp && ./a.out