Julia Diliberto
CST 370
Programming Assignment 7
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This screen shot shows the operation of the recursive search function with items found and not found, inorder(), preorder() and nodeCount() when the tree is not empty.

```
_ 0
                                                                       C:\Windows\system32\cmd.exe
 C:4.
 Constructing empty BST
BST is empty
Now insert a bunch of integers into the BST.

Try items not in the BST and some that are in it:

Item to insert (-999 to stop): 5

Item to insert (-999 to stop): 23

Item to insert (-999 to stop): 17

Item to insert (-999 to stop): 34

Item to insert (-999 to stop): 51

Item to insert (-999 to stop): 50

Item to insert (-999 to stop): 43

Item to insert (-999 to stop): -1

Item to insert (-999 to stop): 0

Item to insert (-999 to stop): 0

Item to insert (-999 to stop): -999

BST is not empty
Now testing the search() operation.
Try both items in the BST and some not in it:
Item to find (-999 to stop): 23
 Found
Item to find (-999 to stop): 50
 Found
 Item to find (-999 to stop): -1
Found
Item to find (-999 to stop): -
Found
Item to find (-999 to stop): 0
Found
 Item to find (-999 to stop): -2
Not found
 Item to find (-999 to stop): 33
Not found
 Item to find (-999 to stop): 72
Not found
 Item to find (-999 to stop): -999
 Now testing the inorder() operation.
-1 0 5 17 23 34 43 50 51
 Now testing the preorder() operation.
5 -1 0 23 17 34 51 50 43
 Now testing the nodeCount() operation.
There are 9 items in the tree.
Press any key to continue . . .
```

This screen shot shows the operation of the recursive search function with items not found, inorder(), preorder() and nodeCount() when the tree is empty.

```
_ =
                                                                 C:\Windows\system32\cmd.exe
Now insert a bunch of integers into the BST.
Try items not in the BST and some that are in it:
Item to insert (-999 to stop): -999
BST is empty
Now testing the search() operation.
Try both items in the BST and some not in it:
Item to find (-999 to stop): -1
Not found
Item to find (-999 to stop): Ø
Not found
Item to find (-999 to stop): -999
Now testing the inorder() operation.
Now testing the preorder() operation.
Now testing the nodeCount() operation.
There are 0 items in the tree.
Press any key to continue . . .
```