Nicholas Ferrara
2352426
Algorithms for Algorithms and Data Structures Exercise

Add
Increment currentSize
Set current to head
If head is null
 Set head to new BSTNode
Else
 Continuously repeat the following:
  If current's counted element lesser than element to be removed:
   If current's left child is not null
    Current now equals its left child
   Else
    Create a left child
    Return
  Else If current's counted element higher than element to be removed:
   If current's right child is not null
    Current now equals its right child
   Else
    Create a right child
    Return
  Else
   Increase the count of current's counted element

Remove
 Create a new iterator and call it it
 While the iterator still has elements
  Set next to equal the next element
  If next is the element to be removed
   Removed it
   Decrement current size
   Return

Iterator
 Create a new InOrderIterator and return it