Method remove(K key)

Set this->root to removeInSubtree(key, this->root)

End Method

Method removeInSubtree(K key, Node* node)

If node==nullptr:

(!)

Else If key < node->key:

Set node->left to removeInSubtree(key, node->left)

Else If key > node->key:

Set node->right to removeInSubtree(key, node->right)

Else:

// We've found it!

If node has no children:

Return nullptr

Else If node has one child:

Return node's child

Else If node has two children:

Set bigkey to findMinKey(node->right)

Set bigval to get(bigkey, node->right)

Set node->right to removeInSubtree(bigkey, node->right)

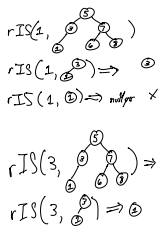
Set node->key to bigkey

Set node->value to bigval

Return node

End If

End If



bigkey [6]