**private** **static** <T> **void** setLengthOfLeftStack(Stack<T> leftStack, Stack<T> rightStack, **int** newLeftLength) {

**int** currentLeftLength = leftStack.length();

**while** (currentLeftLength < newLeftLength) {

**if** (rightStack.length() > 0) {

leftStack.push(rightStack.pop());

currentLeftLength++;

}

}

**while** (currentLeftLength > newLeftLength) {

**if** (leftStack.length() > 0) {

rightStack.push(leftStack.pop());

currentLeftLength--;

}

}

}