**Problem02DataStructures**

1)

The implementation of remove() has a time value of O(1) as well as the implementation of getValue(). The reason for this is because the function is just removing the value for remove. There is no complexity or a loop for this. We already know that this value is the first to be removed.. For the getValue() all we do is search for the value and we will get a respond if it may be there or may not be there.

2)

The implementation of add() has a time complexity of O(N) because we first must add the value and then the system will search through the whole array using a for loop to add this and then we have to make sure this will be pulled in the correct order.