## **Participation & Challenge Activity 1**

### **CMP 326: Programming Methods II**

Lehman College, City University of New York

Fall 2019

Make sure to read and complete all the participation and challenge activities for the following sections:

* 15.1 Memory regions: Heap/Stack
* 15.2 Basic garbage collection
* 15.3 Garbage collection and variable scope
* 15.4 Recursion: Introduction
* 15.5 Recursive methods
* 15.6 Recursive algorithm: Search
* 15.7 Adding output statements for debugging
* 15.8 Creating a recursive method
* 15.9 Recursive math methods
* 15.10 Stack overflow
* 15.11 Binary search
* 15.12 O notation
* 15.13 Algorithm analysis
* 15.14 Sorting: Introduction
* 15.15 Merge sort

**Please complete all the Participation and Challenge activities in the above sections. This work must be completed in your textbook**  [**ZYBooks -- CMP-326: Programming Methods I**](https://learn.zybooks.com/zybook/CUNYCMP326Fall2019)**I**

**No other forms of submission will be accepted.**