

## Homework 3

All runtime tables, runtime functions and Big-O notations should be in one file submitted to BrightSpace. If done on paper, upload a photo or scan to BrightSpace.

In your GitHub class repository, under HW/Homework03, analyze the following functions from ArrayList.h and LinkedList.h:

ArrayList	LinkedList
<code>resize()</code>	<code>insert()</code>
<code>insert()</code>	<code>insertFront()</code>
<code>insertFront()</code>	<code>pop()</code>
<code>pop()</code>	<code>popFront()</code>
<code>popFront()</code>	<code>remove()</code>
<code>remove()</code>	<code>contains()</code>
<code>contains()</code>	<code>getSize()</code>
<code>getSize()</code>	<code>toString()</code>
<code>toString()</code>	<code>reverse()</code>
<code>reverse()</code>	
<code>find()</code>	

Please provide runtime tables, runtime functions, and the Big-O notation for each of the methods above.

For each please indicate the name of the class and the method. (e.g. ArrayList::resize()).