Notes

extraLargeArray: the insert time takes much longer than the append time.

Time	tinyArray	smallArray	mediumArray	largeArray	extraLargeArray
Insert	36.6 µs	47.7 µs	170.5 µs	8.8078 ms	1.002455 s
Append	86.2 µs	96.1 µs	131.4 µs	726.1 µs	3.2372 ms

As the numbers increased the both of the functions runtime increased but **doublerInsert** was taking longer than the **doublerAppend.** When it comes to the pattern I believe that the **doublerInsert** function was performing with the time complexity of Linear O(n) because of how the runtime increased with the number increase. The **doublerAppend** seemed to be running as a Constant O(1) because of how quickly it was able to run the function even with the substantial number increase. WIth that analysis I believe that O(1) scales better because if there are any increases it will be more efficient with the amount of time it takes to complete the task.