	extraLargeArray	largeArray	mediumArray	smallArray	tinyArray
doublerInsert	1.3962754 s	12.2737 ms	247 µs	59.4 µs - faster	44.8 µs - faster
doublerAppend	4.1948 ms - faster	615.1 µs - faster	180.5 µs - faster	123.1 µs	162.8 µs

doublerAppend - loops through each element of the original array multiplies it by 2 and adds it to the end of a new array

doublerInsert - loops through each element of the original array multiplies it by 2 and adds it to the beginning of a new array

On the smaller arrays, doublerInset is faster but as the arrays get larger doublerAppend is faster. mediumArrays is the best because the time complexity for both is the closest.

- Extra Credit
The doublerAppend on the extra large array is the worst time and I think it's because the compiler has to allocate new memory and copy everything to the new block of memory.