

Results for the extraLargeArray  
insert 770.1435 ms  
append 4.034334 ms

	Insert	Append
tinyArray	26.167 $\mu$ s	53.75 $\mu$ s
smallArray	26.666 $\mu$ s	69.083 $\mu$ s
mediumArray	124.167 $\mu$ s	89.583 $\mu$ s
largeArray	6.464834 ms	411.708 $\mu$ s
extraLargeArray	769.887375 ms	6.901458 ms

### Paragraph

Based on the results, the Append function scales better than the Insert. Both show that the run time gets longer when the array gets bigger, but the Append function takes less time than the Insert.

### Extra Credit(Step 1, #5)

The slower function is using the “.unshift” method, which adds things to the beginning of an array and then returns the length of the new array. The faster function is using .push so it is only adding something to the beginning of the array, which takes less time.