

Runtime for append and insert

- Insert time - 967.234863 ms
- Append time - 3.306791 ms

Array size	Run time append (ms)	Run time inset (ms)
Tiny	.04	.03
small	.00	.01
medium	.01	.11
large	.09	6.42
Extra large	2.57	939.32

The timing results for both the append and the insert functions show clear increases in execution times the larger the input array grows. The doublerInsert function shows an exponential increase in execution time as the array grows, whereas the append function scales more linearly. After reviewing the runtime results, it's my conclusion that the "doublerAppend" function scales much better than the "doublerInsert" function. The append function shows a much better performance in scaling large arrays.