Results for the extraLargeArray

insert 2.120747081 s

append 8.57396 ms

Results for the largeArray

insert 26.526092 ms

append 1.119433 ms

Results for the mediumArray

insert 1.373155 ms

append 298.003 μs

Results for the smallArray

insert 161.682 μs

append 913.857 μs

Results for the tinyArray

insert 111.777 μs

append 289.502 μs

Time Results

A general pattern for both functions is that the smaller the array, the less time the function takes. The append function scales better than the insert function (extraLargeArray, largeArray, mediumArray) as the time results are closer in value. The insert function has the longest amount of time recorded from the extraLargeArray, largeArray, and mediumArray while the smallArray and tinyArray had the smallest amount of time recorded.