Notes:

2. Timing Results for the extraLargeArray result:

Results for the extraLargeArray

insert 1.078039542 s

append 3.633208 ms

In the .push method (append) the results came in 3.63 milliseconds compared to the .unshift method that came back as 1.07 seconds. The append method is much faster compared to the insert method.

3. CONSOLE.LOG RESULTS FOR THE ARRAYS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TINY | SMALL | MEDIUM | LARGE | EXTRA LARGE |
| 572.375 | 46.333 | 63.917 | 632.167 | 7.871375 ms |

array results

tiny 572.375 μs

snall 46.333 μs

medium 63.917 μs

large 632.167 μs

extralarge 7.871375 ms

4. From the results I can conclude that the small and medium arrays scaled better because it took less time to process it compared to the rest of the functions. What’s interesting is that the tiny function took longer that the small function to run; but from the small function to the extra large function it picked up more run time while the arrays are getting bigger.

5. Extra Credit