

The extraLargeArray when passed through the insert function took 1048 milliseconds, but when passed through the append function took only 3.314 milliseconds.

Time each array took

	Tiny array (10)	Small array (100)	Medium array (1000)	Large array (10000)	Extra large array (100000)
Insert function	0.0458	0.0625 ms	0.2398 ms	10.769 ms	1048 ms
Append function	0.1141 ms	0.1256 ms	0.1877 ms	0.7958 ms	3.314 ms

It appears that the insert function is taking exponentially longer time to perform the loop over the array while the append function takes a linear amount of time longer to perform the function.