

Testing Plan

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	(iterative)	(recursive)
1	0.000109	0.000168
10	0.000208	0.00025
100000	0.000647	0.000974
100000000	0.420771	0.670402
1000000000	4.26126	6.7891

Discussion:

It seems that with the lower numbers, the recursive and iterative algorithm seem to share similar timing, but as the numbers continue to grow, the difference between the two continues to grow.