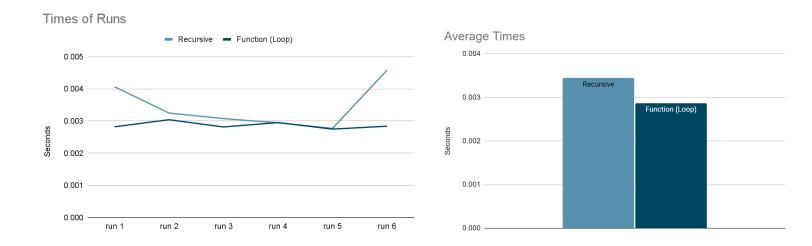


Data: The table below displays the seconds for each function and their 6 runs. It also shows the average for each function type.

	Recursive	Function (Loop)
run 1	0.00406456	0.00282121
run 2	0.00324845	0.00304127
run 3	0.0030756	0.00281644
run 4	0.0029459	0.00295281
run 5	0.00277233	0.00274944
run 6	0.00458097	0.00283933
average	0.003447968 333	0.002870083 333



Analysis

Across the runs, the loop function has lower execution times. Additionally the loop function has lower average time. Overall, for a counter of 20,000, recursion performs worse in terms of execution time. The loop function is more efficient because it uses a simple iterative approach. Whereas the recursive function must maintain a call stack and that can lead to overhead and extra computation cost.

In conclusion, the function using a loop is more efficient than the recursive function in this specific case. However, the choice between recursion and loops depends on the problem's nature.