

In our simulated database our code is $O(1)$ for create, update and delete
Is $O(N)$ for read, as it has to process all the previous added operations

This is the performance measure for 1 single operation based on the DB size

DB size	C	R	U	D
10	0.0009999	0.009	0.00099	0.001
100	0.0009999	0.0120206	0.000994	0.001
1000	0.0010028	0.0160244	0.0009708	0.001
10000	0.0009997	0.0692773	0.0009997	0.001
100000	0.0009997	0.6636608	0.0009961	0.001
1000000	0.0009997	6.5296197	0.0009961	0.0009999