

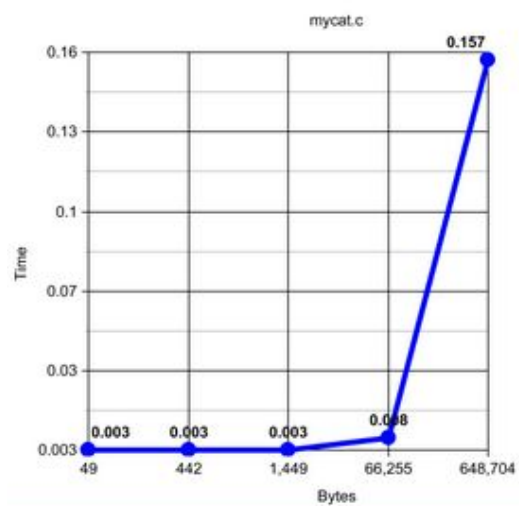
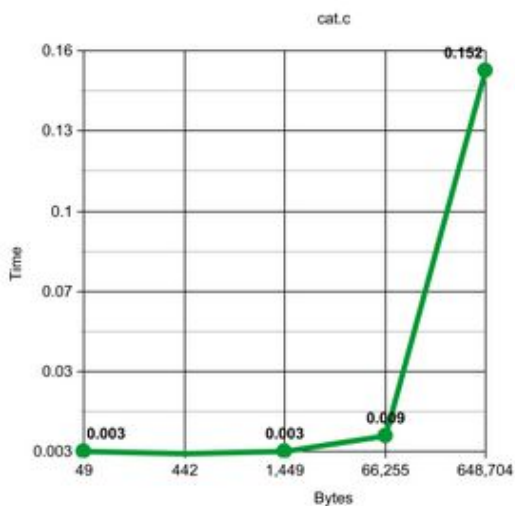
Performance

Several files of very different sizes were used to see the differences in time between the existing cat.c and mycat.c. To get these times, the time command was used, and ran 5 times. The time (real time) displayed in the following table is the average calculated from these 5 executions.

File size (bytes)	cat (s)	mycat (s)
49	.003	.003
442	.002	.003
1,449	.003	.003
66,255	.009	.008
648,704	.152	.157

As you can see, both programs had fairly similar results.

The existing cat function worked better in almost every. These results may have been affected by the amount of times each command was tested. The range of time got bigger as the files grew in size.



Better testing and more accurate results would need more files of bigger sizes and more tests on the same file. This would ensure getting the closest time to an average possible.