

Results:

M  K---	5	10	100
100	0.001s/0.057b cell updates	0.002/0.054b cell updates	0.019s/0.052b cell updates
1000	0.089s/0.056b cell updates	0.173s/0.058b cell updates	0.010/9.781b cell updates

The performance is supposed to get worse exponentially.

I had a lot of difficulties trying to successfully complete this project. This combined with the fact that was not able to test it visually made very difficult. I tried my best to understand the logic needed and implemented what I thought should make sense. There were not enough examples to go through with MPI and I had to learn it through online examples.