

High Performance Computing Assignment 5

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1 MPI Ring Communication

I run the process on my own laptop. The processor is i7-8750H and it has 6 cores.

```
mpirun -np 6 ./int_ring
value: 150000 = expected value 15 * 10000?
latency: 4.349021e-03 ms
bandwidth: 7.011520e+00 GB/s
```

2 Final project

Week	Work	Who
4/15-4/21	Read paper about Game of Life and study applications implemented using MPI	Wenjun, Yijian
4/22-4/28	Finalize project layout and start implementation	Wenjun, Yijian
4/29-5/5	Continue with project implementation and start testing	Wenjun, Yijian
5/6-5/12	Finish final product. Start performance test and report	Wenjun, Yijian
5/13-5/19	Work on presentation slides and report	Wenjun, Yijian