

## Project

- 1-1 Read an array of size  $N = 1M, 10M, 100M, 1G$  sequentially and randomly and compute their running time. Prepare a report of your experiment. Don't take the time of computing random numbers into account.
- 1-2 Read a file of size  $N = 10M, 100M, 1G, 10G$  sequentially and randomly and compute their running time. Prepare a report of your experiment.