**2021 NYCU OS HW3 report**

|  |  |
| --- | --- |
| Question | Answer |
| Q1.  Briefly describe your design for the sorting algorithm, merge function, the thread management.  Also, describing the number of sort threads and number of merge threads in the Multi-thread program. |  |
| Q2.  Show the fastest time acceleration between single-thread and multi-thread. (Take screenshots of the time between single-thread and multi-thread) |  |
| Q3.  You need a brief description of the best  multi-threads and worst multi-threads methods.  The content includes the number of threads used and the way of partitioning, comparing the difference in time, and taking the screenshot between two multi-thread results. |  |
| Q4.  What did you learn from doing hw3? |  |