There are three possible reasons for the different running time:

- 1. We cannot dictate which threads are being executed (though it may be possible to use join() or other methods to control threads), therefore in some of the test runs, there might be threads waiting for other threads.
- 2. Hardware performance can impact the threads running time. If the program runs in different computers with different CPUs with varying performance, the time will change.
- 3. IDE and other processes can impact the running time.