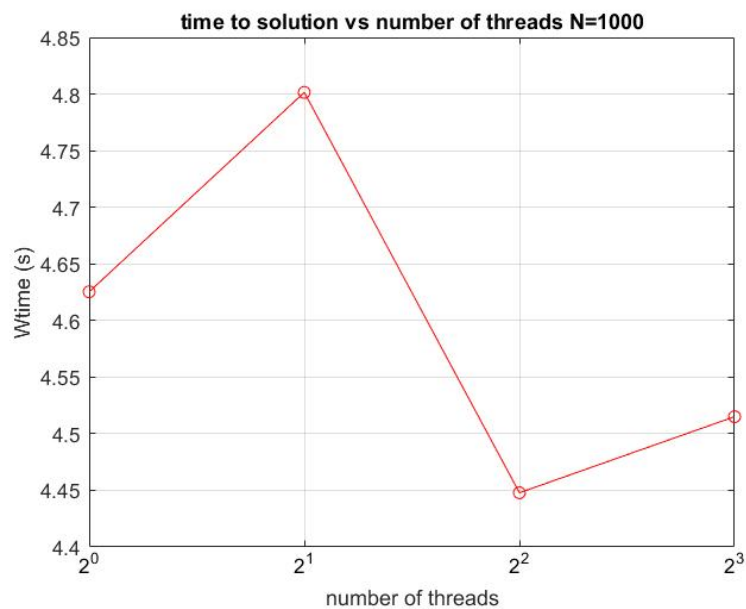
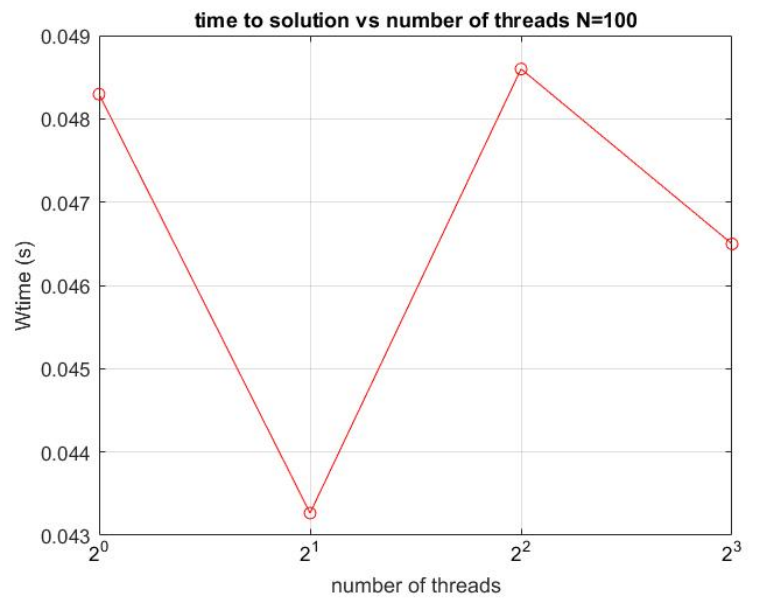
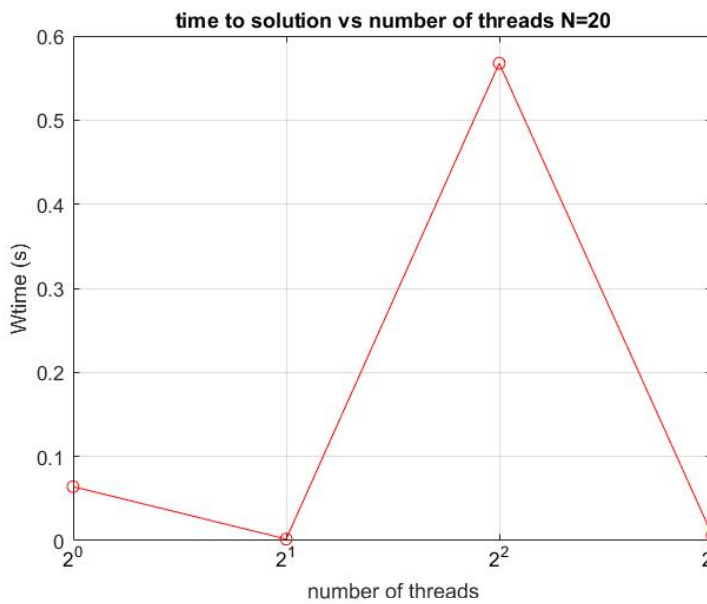


1. Please see the code.

2. the non-OpenMP version. The time increases significantly as the matrix size going up.

```
size 20
time = 0.000048 sec
c[0][0] = 40.000000
size 100
time = 0.004005 sec
c[0][0] = 200.000000
size 1000
time = 10.766605 sec
c[0][0] = 2000.000000
```

4.



Only for number of threads equals to 2 and 8, the time-to-solution of matrix size 100 is larger than that of 20. It takes more time to get the solution of matrix multiplication for size 20 than size 100 if we use thread number 1 and 4. But for all the thread numbers, the time-to-solution of matrix size 1000 is larger than that of 100 which is reasonable.