

Aurore de Lorenzi

HPC TOOLS

Task 3

I parallelized the code with a parallel `#pragma omp` and several `#pragma omp for`. After averaging ten executions for the parallelized code and for the original code, we obtain a speed up of 1.0034 seconds. (18.7917 seconds for the parallel code and 18.8552 seconds for the other)

When I try to use Vtune with my work, I get this error message.

❌ Cannot start data collection because the scope of ptrace system call application is limited. To enable profiling, please set `/proc/sys/kernel/yama/ptrace_scope` to 0. See the Release Notes for instructions on enabling it permanently.