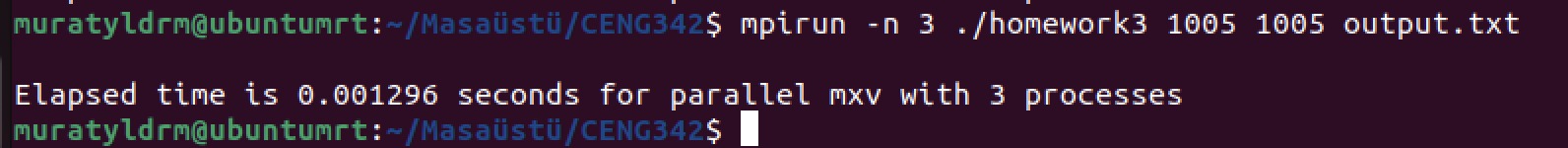
**First of all, my computer has 8 core but the virtual machine has 4 core. Therefore i was able to try up to 4 cores max.**

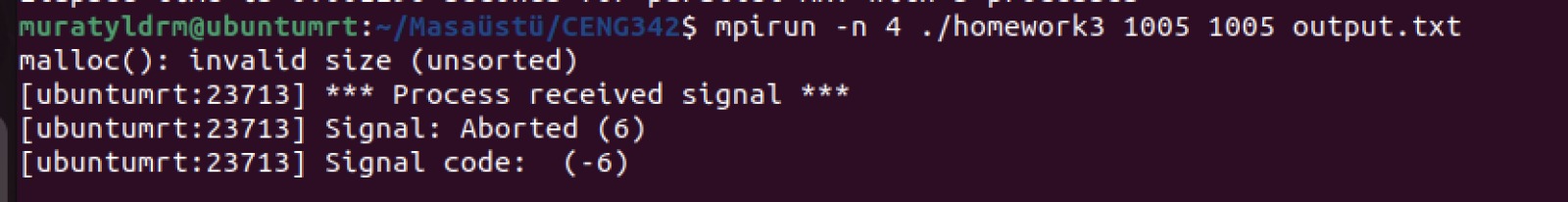
2 Core For Large Matrix



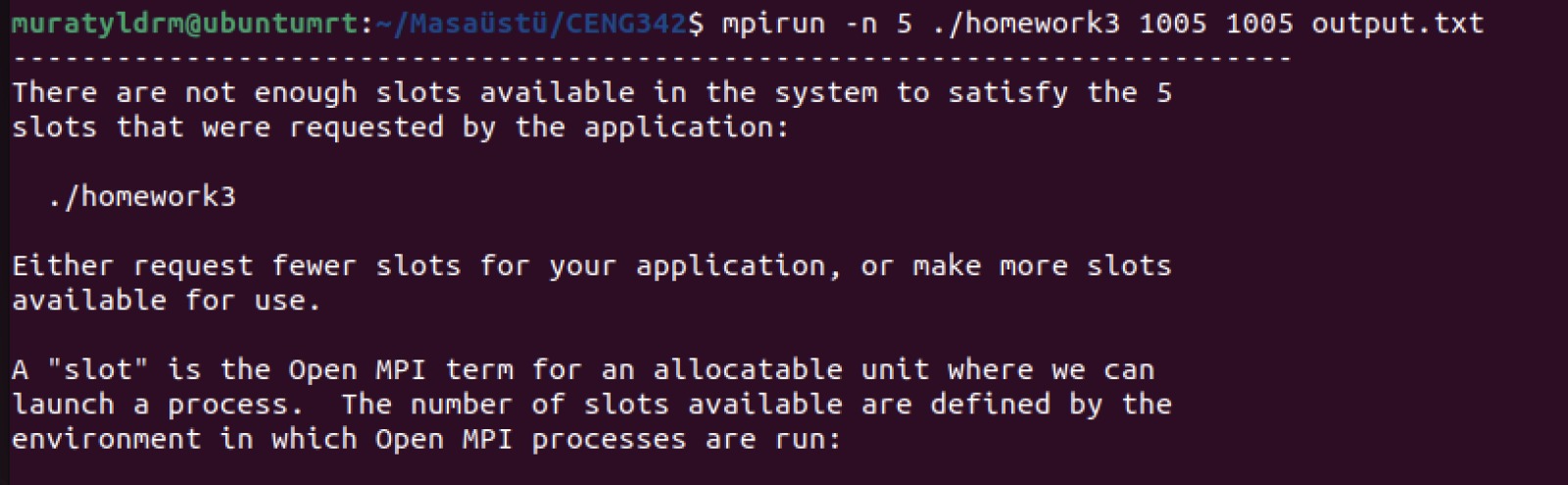
3 Core For Large Matrix



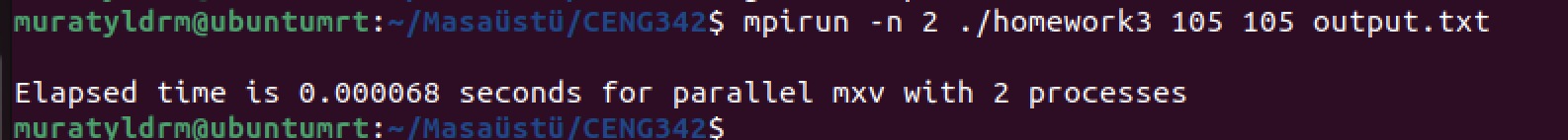
4 Core For Large Matrix



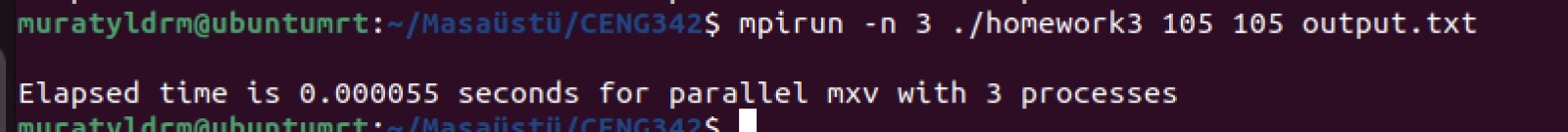
5 Core For Large Matrix



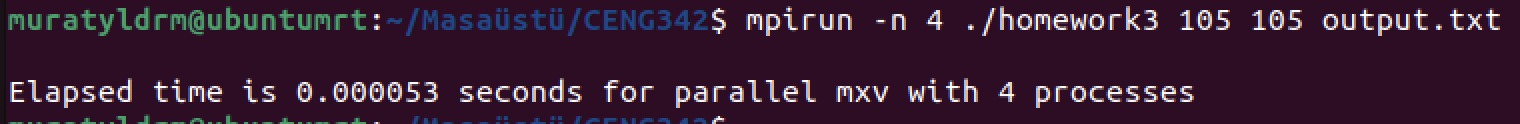
2 Core For Small Matrix



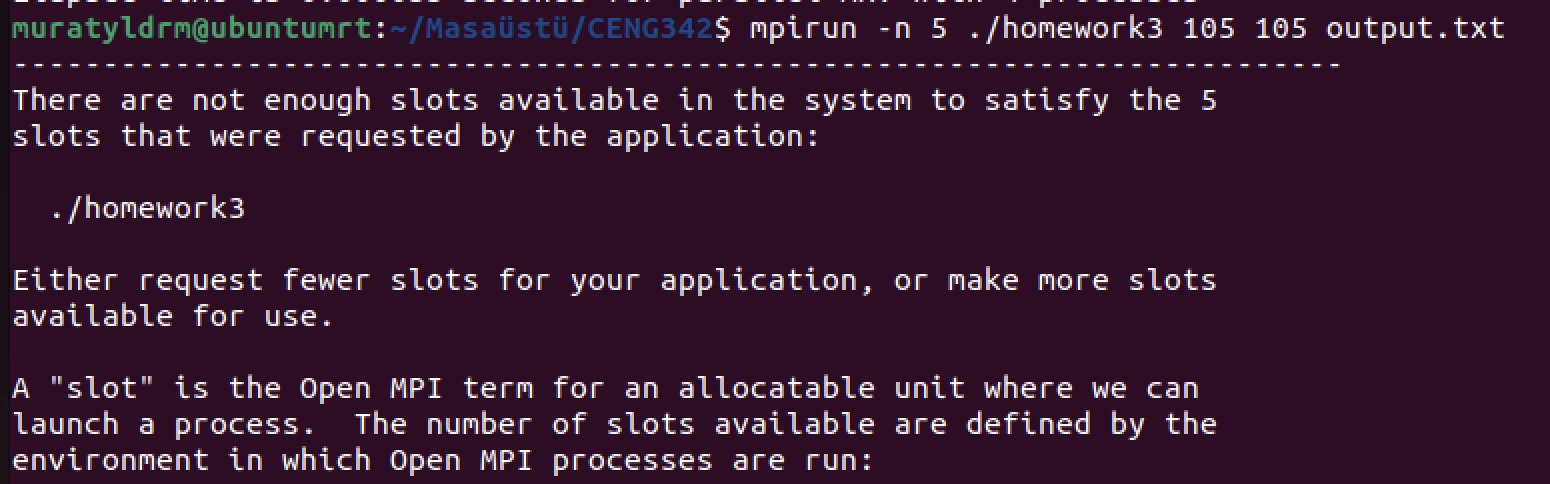
3 Core For Small Matrix



4 Core For Small Matrix



5 Core For Small Matrix



To conclusion, if we're going to deal with big dataset, we should use parallel programming for efficiency programs.