Project3 Test Framework Manual

Downloading

Download the framework with the following command:

$git clone https://github.com/Meso272/CS-211-Lab3.git
$cd CS-211-Lab3
$chmod +x script/*
(It will be more convenient if you fork your own version of this repository)

The Coding Task

The code files you need to modify is the **sieve1.c, sieve2.c and sieve3.c** Do not modify other code files: you don't need to do that and will not submit them.

Compiling

First, complete the **sieves**. Then, compile the codes (on Tardis) with the following commands (at first you are at the repository's root folder):

$ module load mpich-3.2.1/gcc-4.8.5
$ cd build
$ cmake ..
$ make

Run the code

Submit the code with SLURM on Tardis with the following command:

$ cd script/
$ ./submit.sh

Check the output

After execution, you need to do some post process with the data if your codes are error-free:

$ cd script/ && ./data.sh

Important: Never run data.sh unless all of your jobs are completed!
After data.sh is executed, you can find your output in **result/final.txt**.