Instructions

This exercise consists of four benchmarks, comparing CPU to GPU performances: DGEMM, N-Body, a dot product and the Mandelbrot set.

Todo

1. Log in to JURECA

2. The exercises should already be in your account. If not, copy them.

3. Load the needed module by sourcing `setup.sh` (`source setup.sh`)

    1) You might need to get an allocation first; either refer to the printed message on screen or to your cheatsheet

4. Run `make` to build the programs.

5. Run all benchmarks by executing `./bench_all.sh`. Each benchmark will run with its own batch job and create a plot that compares performance for different setups. You can ignore the warning and error messages. In the end, four result plots should appear on your screen. If not, talk to one of the tutors.