

(Updated May 15, 2019) Installing softwares can be often time consuming. Do it with your friends or come to ask for help.

1. Read thru **Hello World** for setting up github.

- $123456 \bmod 789$
- $\text{Arg}(1 + i\sqrt{2})$
- $|i + 1|$

2. Install Matlab (not free)/ Octave; or find online resources for them

- Compute a Bessel function of the second kind
- Test the primality of 482023487
- Plot a vector field (Note: do not copy and paste examples you find online, but make your own based on the examples.)
- Report current date and time