TIL

Today I Learned

- Why mastering GNU/Linux is fundamental skill for a physicist
- The philosophy of GNU/Linux
- How to develop a program in `C` that interacts with the command line
- How to redirect output and how to use the pipe
- How to search in a file
- How to deal with a table
- How to interact with a remote server
- How to use bash variables

Homework

- Install a GNU /Linux distribution (Ubuntu, ElementaryOS, Fedora, . . .)
- Install, if not already present, a `C` compiler, as `gcc`
- Write a C progam that takes in input an integer number N and print the sum from 0 to N
- Test it saving the output in text files
- Expand `random.c` to check that the minimum is small than the maximum

References

- Google
- Linux Journey (1,2,3)
- Intro to awk
- Slides, source codes, . . . :
  https://www.github.com/Sbozzolo/Open-Source-Tools-for-Physics (Clone or download ⇒ Download ZIP)
  Or
  http://www.astro.auth.gr/n/?p=computational_tools_for_physicists
  Or
  astro.auth.gr ⇒ Seminars ⇒ Special Lectures

Pic of the day