

# TIL

## *Today I Learned*

- How to write a script (shabang)
- What are permissions
- What are wildcards and regexps
- How to use for loops in bash
- How to perform advanced text manipulation with sed
- How to plot with gnuplot
- How to backup files with git

## Homework

- Write a script to simulate a *Rock-Paper-Scissors* battle 10000 times and plot an histogram of the how many times each player has won. To do you can use the `random` program with values 0 (rock), 1 (paper), 2 (scissors) to simulate the submission of the two players, then with `awk` compare them (`awk` has `if` statements) and save the winner. This whole task can be accomplished with less then 10 lines of bash script and 10 of `awk`.
- Clone the GitHub repo of this lectures
- Play with git and GitHub (for example you can fork my repo, add you nickname in the file `i_did_it` and open a pull request that I will merge)

# References

- Find
- Sed
- Regexp
- Gnuplot
- Git guide by Roger Dudler

## Pic of the day

