

Homework1

Fundamentals of Robot Programming

The task is to play with git and get deeper understanding of commands and work process

1. Select a repository.

Using any link from: [awesome-robotics-libraries](#) or [awesome-robotics](#) or even [robotics-topic](#) or any other - select a repository. The repo should contains readme and at least 5 other elements (for example, 2 directories and 3 files). Selected link put to [googlesheet](#) . All the repos should be unique!

2. Reimplement the selected repo.

Imagine that you want to implement something cool and you clearly see the result (The result is the selected repo, only master branch). You are implementing it part by part. Since you are a good programmer, each part is implemented in separate branch. The part means a commit or some commits that contains addition at most $\text{ceil}(\text{dirs_count_at_the_root}/4)$ dirs or at most $\text{ceil}(\text{files_count_at_the_root}/4)$ files. 80% of commits should contain changes in the readme. For example, i have a repo with 5 files and 4 folders in the root. I can add at most 2 files in each commit or at most 1 folder. One more requirement: since our team is big and work on this repo simultaneously - i want to see at least one moment in the history with 4 branches.

As a result - all files in your repo should be the same as in the selected repo.

3. Cleaning.

After finishing with the implementation you decided to clean the repo. For that you remove readme file and add report.md file with content that describes your work. Additional step - you found that first folder (any) is useless and remove it.

4. Reporting.

Put the link to your github repo in the moodle.

Read the task carefully!

Do not afraid to make mistakes, it is your experience.