

Practical work for lesson 3 of course Basic tools

This list of exercises is designed only to help you learn how to work with GitHub. So, if you have any questions about the exercises (or you need some help), please **do not hesitate to ask me!**

Please, in the end of session, sent me the link of your GitHub to my email victoriya.kashtanova@inria.fr (or in the slack private messages).

Note: During this session make only **CLEAR** git commits (with the descriptions of your actions).

Exercises

Public repository:

1. Create a **public repository** with name **test** on your Github and add **README.md** and commit it.
2. **Clone** this repository to your Linux machine.
3. Go to the cloned directory and add 3 files **file1**, **file2**, **file3** with 3 different commits, push all to GitHub.
4. Add to **README.md** some description for this repository (several lines with title and some chapters, syntax is same as in jupyter notebook markdown cells). Add it to a commit and push it to GitHub.
5. Check your **git status**.
6. Go to your repository on GitHub to check what all changes were added correctly to the remote.
7. Now (in your repository on GitHub) go to the **Settings > Manage access** and add me (with name **tutorvi**) and “a student from your left” as **collaborators**.
8. Accept the invitation from another student.
9. Now **clone** your collaborator repository to your Linux machine.
10. Create **hello** file with line “**Hello world !**”, add it to a commit and push it to GitHub (here it will be pushed to your collaborator’s repository).
11. Check YOUR shared repository history (on the website) and show it to me.
12. **Pull** YOUR shared repository and try **git log** (to get a local history).
13. Go to your home directory.

Private repository:

14. Create a **private repository** with name **vip_test** on your Github and add **README.md** file with some description for this repository and commit it.
15. **Clone** this repository to your Linux machine.

16. Go to the cloned directory and copy there one of your jupyter notebook from your practical work for Basic Algorithm class (if you use google colab, you can download this file with **wget**). Add it to a commit and push it to GitHub.
17. Add some cute image to your **README.md** (with you Linux terminal or online) and commit it.
18. Add me (with name **tutorvi**) as a **collaborator** for this repository.

New repository:

19. Search on GitHub a repository for **CycleGAN in PyTorch** and clone it to your Linux machine.
20. Go to the cloned directory and add with **touch** some file with name **test_file**. Add it to a commit and push it to GitHub. Did you get any error ?
21. Copy all content from this directory to your **vip_test** directory (do not use **cp *** because you will also copy hidden **./git** directory with all git configurations for CycleGAN repository).
22. Commit all changes and push it to GitHub.