

This is a workshop task sheet, that will let you experience some of the scenarios you will meet as a git user. Throughout this task sheet, you will probably need to consult the README.md or search the internet for solutions.

Starting git

This is a task for you to explore the world of github. Some of you might already have a user and all, but we will start from scratch.

First steps

The advanced users can skip this, but do read it through and see if you can learn something anyway.

1. Make a user on github
2. Install git on your machine
3. Set up user info (user.name, user.email, user.editor) ****OPTIONAL****
4. Set up SSH key ****OPTIONAL****

Start your own project

With git installed on our system, let us now start working on a project.

1. Make a repository
2. Clone your own repository to your machine
3. Make a README.md file and write some information
4. Push your changes

Handling working with others

Let us now for the purpose of experiencing conflicts, you will have to do as follows.

1. Make new directory
2. Clone your repository to that new directory
3. Add some changes to the files in your newly cloned directory
4. Add, commit and push the changes to your repo
5. Go to your original directory, make some changes to that same file.
6. attempt to add commit and push those new changes(it will fail)
7. use pull to fetch newest version: You will be met with "CONFLICT (content): Merge conflict in mastermind.fsx"

8. Open the mastermind.fsx in your favorite editor Search for HEAD
9. Handle the conflict
10. add merged file and add, commit and push