

How to use GIT on this course

**DONE ONLY AT FIRST TIME**

1. Download and install git bash tool: <https://git-scm.com/>
2. It is intended that you already have signed up as a github user on its web page at <https://github.com>
3. Create access with SSH key by clicking on right upper corner on your user icon and go to "Settings"
4. Select SSH and GPG keys
5. Open git bash black command line window
6. Type command `ssh-keygen` and enter
7. Accept all defaults, type yes if needed, do not enter passwords, just pass them with enter
8. Go with `cd` command to `.ssh` configuration directory  
`cd`  
`cd .ssh`  
Print public key to screen and copy paste it using mouse RIGHT button and always find copy paste from there:  
`cat id_rsa.pub`
9. Click "New SSH key"  
Invent a name for the key like laptop and copy output from `cat id_rsa.pub`
10. Click "Add SSH key"

Setup who are you for github using Git Bash

```
git config --global user.name "FIRST_NAME LAST_NAME"
git config --global user.email "MY_NAME@example.com"
```

Go to your project folder with `cd` command to the folder which has `pom.xml` file.

Initialize repo

```
git init
```

Click the plus (+) sign. Insert a name of the repository in all lower case and no spaces. Preferably keep your repository public. Next github opens instruction page on what to do, that has same commands as here.

**DONE ALL THE TIME WHEN WORKING WITH GIT**

1. Add the files to new repository by using git command: `git add .`
2. Commit the files with comments: `git commit -m "First commit"`
3. Change your GitHub repository to your remote repository SELECT SSH NOT HTTPS (Use URL from step):  
`git branch -M main`
4. Add origin where repository is located in the internet:  
`git remote add origin Your_Github_Repository_URL`
5. Push the changes to GitHub: `git push -u origin main`