

## Useful Git commands:

*Git Bash on Windows / GNU/Linux / macOS:*

### Configuration:

- `git config --global user.name "Your Name"`
- `git config --global user.email your.email@example.com`

### Add key:

- `ssh-keygen -o -t rsa -C "your.email@example.com" -b 4096`
- Copy the public key to your remote repository account

### Create new repository:

- `git init`
- `git clone remoterepositoryaddress`

### Stage changes (Add files):

- `git add <filename>` //Adds specific file
- `git add *` //Adds all files

### Commit changes:

- `git commit -m "Commit message"` //Make it meaningful
- `git commit -a` //Commit all files added and with changes

### Push changes:

- `git push origin master` //Send changes to the master branch of the remote repository

### Pull changes:

- `git pull`

### Branches:

- `git checkout -b <branchname>` //Create a new branch and switch to it
- `git checkout <branchname>` //Switch to an existing branch
- `git branch` //See all branches and the one you're in
- `git branch -d <branchname>` //Delete the branch
- `git push origin <branchname>` //Push the branch to the remote repository
- `git push --all origin` //Push all branches to the origin
- `git push origin :<branchname>` //Delete branch from remote repository
- `git merge <branchname>` //Merge different branch into active branch

### Other commands:

- `git status`
- `git log`