# Tasks

- [Code Requirement List](#)

## Terminal Basics

| Description | Command |
|---|---|
| Create Directory | `mkdir folder_name` |
| Change Current directory | `cd folder_name` |
| Create file | `touch file_name` |
| Remove Empty Directory | `rmdir dirname` |
| Remove file | `rm filename` |
| List existing folders and files | `ls` |

## Git Basics

0. Setup Git For windows — installation. Macbook most probably has it out of box.
1. Setup gitbash — installation
2. Create folder, open `gitbash` in it
3. Init local git repository(`git init`)
4. Configure git (setup user.name, setup user.email)

```
git config --global user.name "NAME SURNAME"
git config --global user.email "email@gmail.com"
```

5. Check configuration (`git config user.name`)
6. Check status (`git status`)
7. Create file1.txt (`touch file1.txt`)
8. Check status
9. add created file to staging area(`git add file1.txt`)
10. Check status
11. Commit changes (`git commit -m "my message"`)
12. Check status
13. Do some changes in file1.txt (with terminal -- `echo CHANGES > file1.txt`)
14. Check status
15. Add changes to staging area
16. Commit changes with message
17. Check status
18. Check git log

# Github Basics

- Create github account
- Origin — connect origin `git`
- Push — push your codes to github `git push -u origin master`
- Learn Markdown syntax — Create Readme file and describe what you've done

# Materials

- [1st chapter of Git Pro: VCS](#)
- [2nd chapter of Git Pro: Git Repo](#)
- [6th Chapter of Git Pro: Github](#)
- [Markdown](#)