



GitHub

1. To create a new folder

```
mkdir folder-name
```

2. To create a new file

```
touch file-name
```

3. To initialize a new git repository

```
git init
```

4. To see the status of the git repository

```
git status
```

5. If we need to see why we use a specific command

```
git init --help
```

```
git add --help
```

6. To see all the descriptions of all git commands

```
git help git
```

7. Add file contents to the index

```
git add file-name  
git add file-name-1 file-name-2
```

8. Add all files and folders contents to the index

```
git add .
```

9. To remove file from the index

```
git rm --cached file-name
```

.0. Record changes to the repository

```
git commit -m"message"
```

.1. Add user-email and user-name to the credential.

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

.2. To see the username and email

```
git config --global user.email  
git config --global user.name
```

.3. Show commit logs.

```
git log
```

.4. To see the one-line commit log (first 7 characters)

```
git log --oneline
```

.5. To see the last project statement

```
git show HEAD
```

.6. To see the specific commit statement

```
git show commit-id  
git show HEAD~serial-number
```

.7. Restore working tree files

```
git checkout file-name
```

.8. Restore all working tree files

```
git checkout .
```

.9. Revert some existing commits

```
git revert commit-id
```

.10. Reset the current HEAD to the specified state

```
git reset --mixed commit-id
```

.11. To send or push something on remote repository

```
git push  
or
```

```
git push origin branch-name
```

?2. To clone any project from github

```
git clone project-repo-link
```

?3. To get or pull something on github repository to local directory

```
git pull  
or  
git pull origin branch-name
```

?4. To see how many branch we have

```
git branch
```

?5. To create a new branch

```
git branch branch-name
```

?6. To change branch

```
git checkout branch-name
```

?7. Git checkout and create together

```
git checkout -b branch-name
```

?8. To merge branch

```
git merge branch-name (we get data from which branch)
```