

Git Cheat Sheet by Swayamshree

1. To open a new repository in your current working directory using GITBASH
2. To delete the exiting repository in your current working directory using GITBASH
3. To check the GIT status of your current directory
4. To add all your files/folders to the repository.

- **git init**
- **git rm -rf .git**
- **git status**
- **git add <file/folder name>**
(only for single file/folder)
- **git add .**
(for all the files/folders in the directory)
- **git commit -m "Your message"**

5. To commit your files/folders in the repository.

For working on your project using branch

1. Create a new branch
2. Go to another branch
3. Create and go to another branch
4. After modification in your new branch, then commit it with the new branch repository.
5. To merge the branch with the MASTER branch.
First go to your new branch. Then type: -

- **git branch <branch name>**
- **git checkout <branch name>**
- **git checkout -b <branch name>**
- **git commit -a -m "Your message"**
(For add and commit in the new branch directory)
- **git merge <branch name>**

For push your files/folders to GITHUB

1. After the above-mentioned process, then go to your GITHUB account and create a blank repository in your GITHUB, then copy your GITHUB repository URL.
2. In your working directory, open Git bash
Then create a remote for your repository using the copied link.
3. To push the working directory files/folder to your GITHUB

- **git remote add <remote name> <"origin" is used as default name> "your copied URL from GITHUB"**
- **git push -u <remote name> <branch name>**
or
- **git push -u "your copied URL from GITHUB" <branch name>**

For pull your files/folders to GITHUB

1. For pull existing repository from GITHUB
2. If confits occurred during pulling

- **git pull -u <remote name/URL name> master**
- **git pull <remote name/URL name> --allow-unrelated-histories**

- Before coming to this please, generate a GPG key in your Git Bash.
Follow this link
<https://docs.github.com/en/free-pro-team@latest/github/authenticating-to-github/generating-a-new-gpg-key>

Set-up GPG key in VS Code

Tell Git to find your signing key ID. It's a 16-digit alphanumeric string.

```
gpg --list-signatures
```

```
git config --global user . signingkey <Key>
```

```
git config --global commit . gpgsign true
```