**GIT Commands:**

1. In command prompt, go to directory which you want to add VCS. Type git init. This converts your local directory into a local GIT repository
2. Regularly check status with git status
3. Add files to your repository with git add filename or git add \*.html or git add dirname
4. Commit changes to create a new version git commit
5. Now these versions will be in your local repository. To upload to GIT HUB, create a github account. Login and create a new repository in github. Copy your repository url. Example [**https://github.com/saidaa123/initial-repository.git**](https://github.com/saidaa123/initial-repository.git)
6. **Upload to remote repository**
7. **git remote add origin** [**https://github.com/saidaa123/initial-repository.git**](https://github.com/saidaa123/initial-repository.git)
8. **git push –u origin master**

**What is Git?**

[**Git**](https://git-scm.com/)is a *Version Control System (VCS)*. On a very basic level, there are two awesome things a *VCS*allows you to do: You can track changes in your files, and it simplifies working on files and projects with multiple people. There are multiple Version Control Systems, but Git is by far and large the most popular — both for individual and company use.

On the other hand, [**GitHub**](https://github.com/)is a web based Git repository. It provides a free and easy place to use Git, the cloud to store your code in, and it allows you to interact with other developers on Open Source projects.

**Why use Git & GitHub?**

Here are seven reasons you should be using Git and GitHub:

*1. Centralized cloud storage of your code.*

Your code is always available to you. No matter what computer your using, or where you are. Hard Drive failure? No problem. All your code is backed up.

*2. Version Control.*

Every version of your code is also available to you. Git doesn’t work the same way as saving does in Microsoft Word. With Git, every time you commit your code, Git remembers what has changed since the last time you saved your code. Even if you’ve changed a file 1000 times, Git will remember each and every change. Need to revert back three months on a project for some reason? Git makes it easy.

*3. Working in teams.*

Git simplifies the process of working with other people and makes it easy to collaborate on projects. Team members can work on files and easily merge their changes in with the master branch of the project. This allows multiple people to work on the *same*files at the same time.

*4. Get involved / Open Source.*

GitHub is a basic social networking site that makes it easy for even beginners to contribute to large projects and get involved in the open source community. You can meet other developers, ask questions about their code, and propose code changes. **By using GitHub regularly you can learn how to work well in a development team environment.**

*5. Bettering your code.*

GitHub allows you to look back on code you wrote in the past. You’re able to look at projects from years ago and make them better, or just see how you’ve been progressing.

*6. Show off*

GitHub is a great way to get noticed — Show off your code and your projects! Especially if you’re a self taught developer, GitHub provides you a way to prove to recruiters and companies that you can program.

*7. You’re gonna need it anyway*

Companies and Technologies around the world use Git: Amazon, Facebook, LinkedIn, Yahoo, Microsoft, Netflix, Rails, Android, Linux and Zendesk — just to name a few. Learn Git and become more hire-able. ([*source*](https://siftery.com/git)*)*