1. **Write *Steps to Configure Git***

1. Download and install git on local machine(Computer, laptop) from git-scm.com
2. Create local Repository any place we want on desktop or another place we preferred.
3. Open git bash command prompt
4. Change the directory to created local repository by using command cd <directory>
5. After changed to local created directory we can initialize the git directory by using **git init** command
6. Then the git folder displays in side local repository created previously, and at this time the git is ready
7. So, we can configure the git to connect to git hub by using the following commands

git config –global user.name “<username of Github>”

git config –global user. Email <email address used for github>

1. After this we can do any projects and add and commit to git and push to git hub by using the command **git push –u origin master** or we can clone projects from github to our local repository and do it and re upload by push commands.

2**. Write the difference and similarity of git and github**

**The similarity between Git and GitHub:**

GitHub is a Git repository that allows hosting. GitHub is developed around Git. If you want to understand in layman's terms then the similarity between Face and Facebook. Yes, Facebook publishes the connections faced online. We call it a social media networking tool. It is not your actual face but your database with all your details of yours. Likewise, GitHub will hold the Git repository and host them. This further means that what was once private to you in your local. Both Git and GitHub provide source code management (SCM) and make merging and sharing code easier, this is pretty much where their similarities end machine Git, can now be accessed by all from GitHub.

**The difference between Git and GitHub:**

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| --- | --- |
| Git | Github |
| |  |  | | --- | --- | | Git is software. |  | | GitHub is a service. |
| |  |  | | --- | --- | | Git is a command-line tool |  | | GitHub is a graphical user interface |
| |  |  | | --- | --- | | Git is installed locally on the system |  | | GitHub is hosted on the web |
| |  |  | | --- | --- | | Git is maintained by Linux. |  | | GitHub is maintained by Microsoft. |
| |  |  | | --- | --- | | Git is focused on version control and code sharing. |  | | GitHub is focused on centralized source code hosting. |
| |  | | --- | | Git is a version control system to manage source code history. | | GitHub is a hosting service for Git repositories. |
| |  |  | | --- | --- | | Git is open-source licensed. |  | | GitHub includes a free-tier and pay-for-use tier |