

TASK_1

Difference between Git and GitHub

GIT	GITHUB
<ol style="list-style-type: none">1. Git was launched in 2005.2. It is open-source licensed.3. Git is software.4. Linux maintains Git.5. It is a VCS to manage source code history.6. It is a command-line tool.7. You can install it locally on the system.8. It focuses on code sharing and version control.9. It lacks a user management feature.10. Git has minimum external tool configuration.11. Its desktop interface is named Git Gui.	<ol style="list-style-type: none">1. GitHub was released in 2008.2. It has a free-tier and pay-for-use tier.3. GitHub is a service.4. Microsoft maintains GitHub.5. It is a hosting service for Git repositories.6. It is a graphical user interface.7. It is hosted on the web. It is exclusively cloud-based.8. It focuses on centralized source code hosting.9. It has a built-in user management feature.10. It has an active marketplace for tool integration.11. Its desktop interface is named GitHub Desktop.

TASK_1

GIT COMMANDS

1. git config

Usage: git config -global user.name "[name]"

Usage: git config -global user.email "[email address]"

This command sets the author name and email address respectively to be used with your commits.

2. git init

Usage: git init [repository name]

This command is used to start a new repository.

3. git clone

Usage: git clone [url]

This command is used to obtain a repository from an existing URL.

4. git clone

Usage: git clone [url]

This command is used to obtain a repository from an existing URL.


5. git add

Usage: git add [file]

This command adds a file to the staging area.

TASK_1

PULL REQUEST

1. On GitHub.com, navigate to the main page of the repository.
2. In the "Branch" menu, choose the branch that contains your commits.
3. Above the list of files, click  **Pull request.**
4. Use the *base* branch dropdown menu to select the branch you'd like to merge your changes into, then use the *compare* branch drop-down menu to choose the topic branch you made your changes in.
5. Type a title and description for your pull request.
6. To create a pull request that is ready for review, click **Create Pull Request**. To create a draft pull request, use the drop-down and select **Create Draft Pull Request**, then click **Draft Pull Request**.