Git commands

**1. git clone**

* **Purpose**: Copies an existing Git repository (usually hosted remotely, e.g., on GitHub, GitLab) to your local machine.
* **Command**: git clone <repository\_url>

**2.git status**

* **Purpose**: Shows the status of the working directory and staging area.
* **Command**: git status

**3**. **git add**

* **Purpose**: Stages changes for the next commit
* **Command**: git add <file>

**4. git commit**

* **Purpose**: Saves staged changes to the repository with a message describing the changes
* **Command**: git commit -m "Your commit message"

**5.git push origin**

* **Purpose**: Pushes local commits to a remote repository
* **Command**: git push origin main

**6. git pull**

* **Purpose**: Fetches updates from a remote repository and merges them into your local branch.
* **Command**: git pull origin main

**7**.**git checkout**

* **Purpose**: Switches branches or restores files in the working directory
* **Command**: git checkout <branch\_name>

**8. git branch**

* **Purpose**: Manages branches in the repository
* **Command**: git branch

**9. git init**

* **Purpose**: Initializes a new Git repository in the current directory.
* **Command** : git init

**10. git config**

* **Purpose**: Configures Git settings, such as username, email, editor, and more.
* **Command** : git config --global user.name "Your Name"