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| Git Command | Description |
| git init <name> | Initialize a local repository. |
| git init -b main | Initialize the local directory as a Git repository with branch main. |
| git clone https://github.com/Username/Repository | Clone a repository in GitHub. |
| git status | Check the status of the local repository |
| git add <file> | Add files to the temp commit area |
| git add -A | Stages all changes |
| git add . | Stages new files and modifications, without deletions |
| git add -u | Stages modifications and deletions, without new files |
| git commit -m “message” | Commit the changed files with annotation |
| git push | Push the commit to the default remote repository |
| git push --set-upstream <remote\_name> <branch\_name> | Push the commit to the selected remote repository |
| git push -u <remote\_name> <branch\_name> | Push the commit to the selected repository and set this remote and branch as default |
| git pull | Pull the files from the remote repository |
| git remote -v | Check remote repository list |
| git remote add <name> <remote\_url> | Add a remote repository with a name |
| touch <file> | Create a file |
| git branch | Check all the branches |
| git branch <name> | Create a branch with a name |
| git checkout <name> | Switch to that branch |
| git branch -d <name> | Delete a branch locally |
| git push <remote\_name> --delete <remote\_branch\_name> | Delete branch remotely |
| git merge <branch-name> | Merge the selected branch to the default branch (main or master) |
| git rm --cached <file\_name> | Remove file from the index instead of deleting the real file in the local system |
| git rm -r --cached <folder\_name> | Remove folder from the index instead of deleting the real folder in the local system |