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Assignment 2.

1)git init

Initialize a new Git repository.

2)git clone <repository\_url>

Clone a remote repository to your local machine.

3)git add <file>

Add changes in a specific file to the staging area.

4)git add .

Add all changes in the working directory to the staging area.

5)git commit -m "commit message"

Commit staged changes with a descriptive message.

6)git status

Show the status of changes as untracked, modified, or staged.

7)git log

Display the commit history.

8)git branch

List all local branches, with the current branch highlighted.

9)git branch <branch\_name>

Create a new branch.

10)git checkout <branch\_name>

Switch to a different branch.

11)git merge <branch\_name>

Merge changes from one branch into the current branch.

12)git pull

Fetch and merge changes from a remote repository.

13)git push

Push changes to a remote repository.

14)git remote -v

Show remote repositories along with their URLs.

15)git fetch

Download objects and refs from a remote repository.

16)git diff

Show changes between commits, commit and working tree, etc.

17)git reset <file>

Unstage changes in a file while keeping modifications.

18)git reset --hard

Discard all changes in the working directory and staging area.

19)git rm <file>

Remove a file from both the working directory and the Git repository.

20)git mv <old\_path> <new\_path>

Move or rename a file and stage the change.

21)git tag -a <tag\_name> -m "tag message"

Create an annotated tag for a specific commit.

22)git show <commit\_hash>

Display the details and changes of a specific commit.

23)git stash

Save changes that are not ready to be committed yet.

24)git stash apply

Apply the last stash and remove it from the stash list.

25)git remote add <remote\_name> <remote\_url>

Add a new remote repository.

26)git remote rm <remote\_name>

Remove a remote repository.

27)git config --global user.name "Your Name"

Set your global Git username.

28)git config --global user.email "your.email@example.com"

Set your global Git email address.

29)git remote show <remote\_name>

Display information about a remote repository.

30)git clean -n

Show which files will be removed with git clean -f.