

<https://www.atlassian.com/git> for learning git

1. Create a private Gitlab repo named "i-am-a-git-noob"
2. Create a new repository on local in an empty directory (NOTE: do not clone)
Ques: What changes did you observe in the current directory after initializing local

repo?

Made a folder in the desktop using mkdir RadhikaGit then ran the git init command to initialise that.

Ques: What changes did you observe in the current directory after initialising local repo?

I got the hidden files which are necessary for git and we can see them with the help of ls -a command.

3. Point remote of your local git repo to the newly created repo on Gitlab
git remote add origin [git@gitlab.com:radhikasonii/i-am-a-git-noob.git](https://gitlab.com/radhikasonii/i-am-a-git-noob.git)
git remote -v (to verify)

```
echo "I am Radhika" >Radhika.md
```

```
Git add .
```

```
git push origin main
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4. Print current git configs on terminal
git config --list

```
git config user.name
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```
git config user.email
```

5. Update git config with your name and email address (only for current repository)
git config --local user.name "Radhika"
git config --local user.email "rasoni@deqode.com"
git config --list (to verify)

6. Create a file named "test1.txt"
touch test1.txt

7. Added line with text "first line in file" in "test1.txt".
echo "first line in file" >> test1.txt

8. Push this file to your Gitlab repo.
git add test1.txt
git commit -m "Add first line to test1.txt"

9. Append line with text "second line in file" in "test1.txt".
echo "second line in file" >> test1.txt
10. Add file to the staging area.
Git add test1.txt
11. Check the status of the file in all staging area
Git status
12. Append line with text "Third line in file" in "test1.txt". (Note status of files across different areas).
echo "Third line in file" >> test1.txt
13. Remove "test1.txt" from the staging area.
git reset test1.txt
14. Create commit with message "My First Commit"
git commit -m "My First Commit"
15. Push commit to the remote repo
NOTE: checklist commits pushed to the remote
git push origin main
16. Update message of last commit "My First Commit" to "My Second Commit"
(without creating a new commit)
git commit --amend -m "My Second Commit"
17. Push commit with the updated message to the remote repo
git push --force origin main
18. Check the difference between the last and second last commits.
Git diff
git diff 4c526e74a14d7e1239fac69eec3c62094b00e45f
0e584f031dc3377071072c986e88199be3be3211

19. Revert the last commit and check the updated commit logs history.
20. Append the line with text "Fourth line in file" in "test1.txt" and commit it.
echo "Fourth line in file" >> test1.txt
git add test1.txt
git commit -m "Add fourth line to test1.txt"
21. Update the last commit such that the "test1.txt" also contains "Fifth line in file"
(without creating a new commit)
git commit --amend -m "My Second Commit\nFifth line in file"
22. Push the updated commits to the remote repository
git push --force origin master
23. Append some content in "test1.txt" file
echo "this is some additional cpntenttttt" >> test1.txt
24. Pull all the content from remote repository to local repository.
Git pull
25. Clone the remote repository to some other directory in your local system.
git clone url(git@gitlab.com:radhikasonii/i-am-a-git-noob.git)