

# Exercise 1

use bash and git commands

1. Make a directory (**exercise-1**) and change the working directory to **exercise-1**
2. Create a repository and run **git status** and **git log**
3. Create **README.md** file of your repository and write **# Exercise 1** to it
4. Run **git status**. You should have an **untracked** file.
5. Try to remove **README.md** using **git rm**. Remove the file using bash command, **rm**.
6. Do **step 3** and add **README.md** to the **staging** area of the repository.
7. Run **git status** and **unstage** the change using **git rm**.
8. Add **README.md** to the **staging** area and try to unstage it using **git restore** and **git checkout**.
9. Make a **commit** with message "**Initial commit**"
10. Run **git status**, **git log** and **git log --oneline**. What is the short commit hash?
11. Remove **README.md** from the repository using **git rm**.
12. Run **git status** and then **unstage** the change using **git restore** or **git reset**.
13. Run **git status** and **discard** changes using **git restore** or **git checkout**.
14. Create **text.txt** file and **ignore** it. Run **git status**.
15. Add the change to the staging area and the **commit** it with message "**First commit**"
16. Run **git status** and **git log**. Change the message of the last commit to "**Ignored text.txt**"
17. Run **git log**. Create **document.txt** and add it to the staging area.
18. Run **git status** and **ignore** all **.txt** files.
19. Unstage **document.txt** and stage **.gitignore** and run **git status**.
20. Commit the change with message "**Ignored all .txt files**"
21. Run **git log --oneline** and **checkout** the **first commit**.
22. Run **git log --oneline** and **checkout** the **last commit** using **git checkout master** or **git switch -**.