# Git Task

**Note:** Make sure you use proper commit messages

**Time:** 1 day

For the git task, go through the following steps in the given order. In case you face any issue in the middle of the task, try to figure out where you went wrong, find the issue and resolve it without starting this task from scratch. If you have any questions, feel free to ask.

1. Create a local git repository by the name of **git-tasks**
2. Create a directory by the name of **src**
3. Create two files in the **src** directory by name of **src\_file\_1.txt** and **src\_file\_2.txt**
4. Commit your changes
5. Change your commit message
6. Create 2 new branches (from main branch) **feature/add-feature-1** and **feature/add-feature-2**.
7. In **feature/add-feature-1** branch, add 5 lines of some random **text to src\_file\_1.txt**. Do this in multiple commits i.e. add text to first line and then commit, add text to second line and then commit and so on
8. In **feature/add-feature-2** branch, repeat the above step but for **src\_file\_2.txt**
9. In the main branch, add 2 lines of text to each of the src files and commit your changes
10. Push these local changes to a remote repository (of the same name) in Github
11. Change the last commit message of the **main** branch.
12. From GitHub GUI create pull requests to merge **feature/add-feature-1** and **feature/add-feature-2** into **main**. You should expect conflicts in both branches, use **git merge** command to resolve conflict in **feature/add-feature-1** branch and use **git rebase** command to resolve conflict in **feature/add-feature-2** branch
13. Make sure that your local repository is completely in sync with the remote repository