

Let's familiarize ourselves with GIT

-> You can find intro to GIT here <https://spider.nitt.edu/getting-started/>

-> This exercise should be done only using GIT command line (OS doesn't matter)

Note: Don't use Github Desktop ,Github website or any third party services.

->Take note of the command(s) used in each step in a word document and the procedure for completing this problem sheet.

Note: There may be one or more ways to approach a step in this problem sheet.

-> Any Pull Request(PR) and merging should be done in your own repo between branches itself. Don't send any PR to the SpiderNitt orgs git-exercise repo.

Repo :- <https://github.com/SpiderNitt/git-exercise>

- 1) Fork the repo & clone it in your local system
- 2) Branch out from main (branch name : branch_1)
- 3) In branch_1, create a new file called aboutme.txt and write some contents in it.
- 4) Commit the changes in branch_1 and give a Pull Request to the main branch.
- 5) Merge the above Pull Request
- 6) Branch out from branch_1 (branch name: branch_2)
- 7) In branch_2, change line number 5 to 'xyz..' and make a commit.
- 8) Merge branch_2 onto Main, and resolve conflicts if any.
- 9) Switch to branch_1 and revert the last commit
- 10) Branch out from Main (branch name: branch_3)
- 11) In branch_3,
 - create a file called ign.txt.
 - Copy 3 PDF files
 - Make a folder named ignore, and create 2 files inside it named temp1.txt & temp2.txt
- 12) gitignore the above mentioned files and folder, and make a commit
- 13) Branch out from Main (branch name: branch_4)
- 14) In branch_4: create, and commit 2 files named f1.txt, f2.txt (with some random content)
- 15) Switch to Main branch, and create a file named m1.txt (with some random content)
- 16) Switch to branch_4 and rebase it w.r.t. Main branch
- 17) Branch out from branch_3 (branch name: temp_branch)
- 18) Create a file named temp_file.txt with some random content. Make a git stash, and switch to branch_3
- 19) Switch to branch_4 and modify the commit message of the latest commit
- 20) Switch back to temp_branch, apply the stashed changes and make a commit.