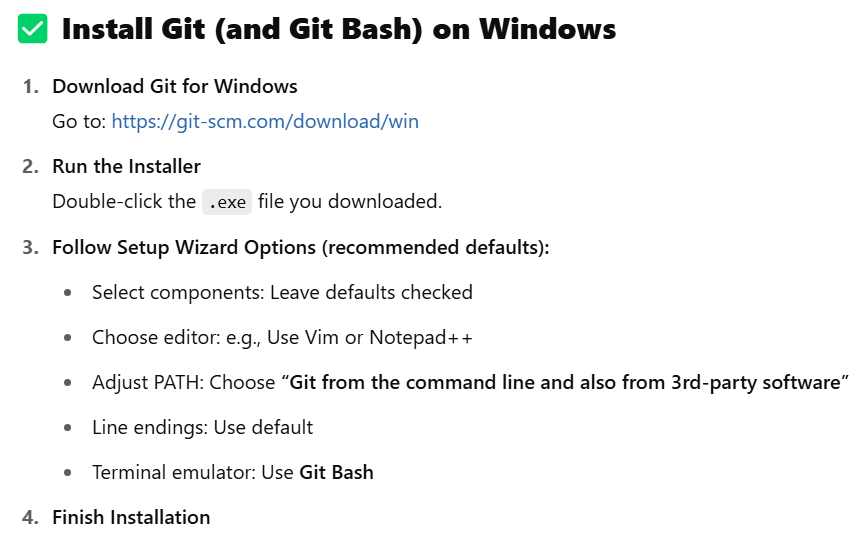
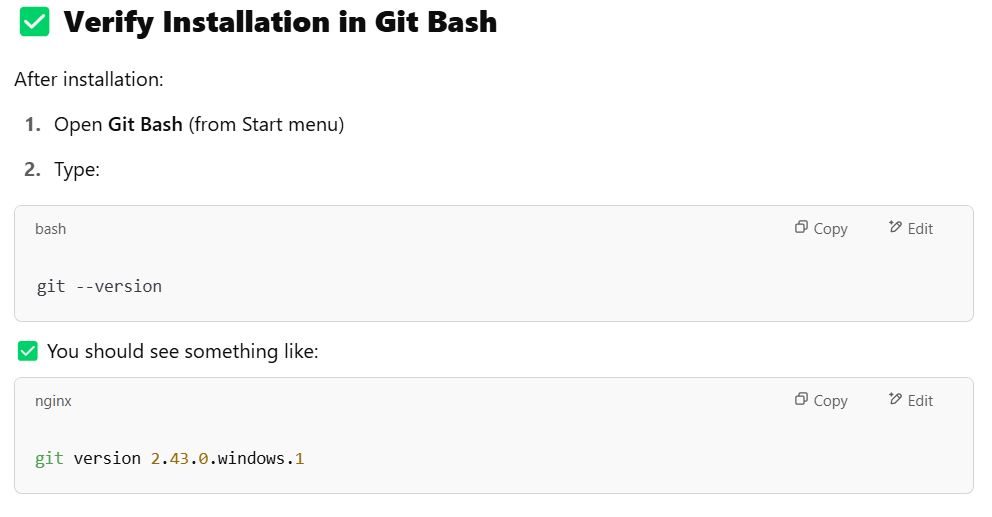
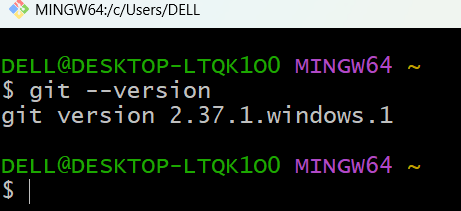
**GIT AND GITHUB TASK**

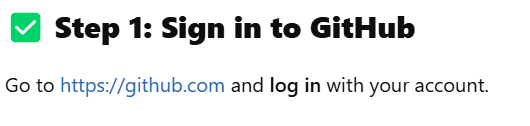
1) Install git

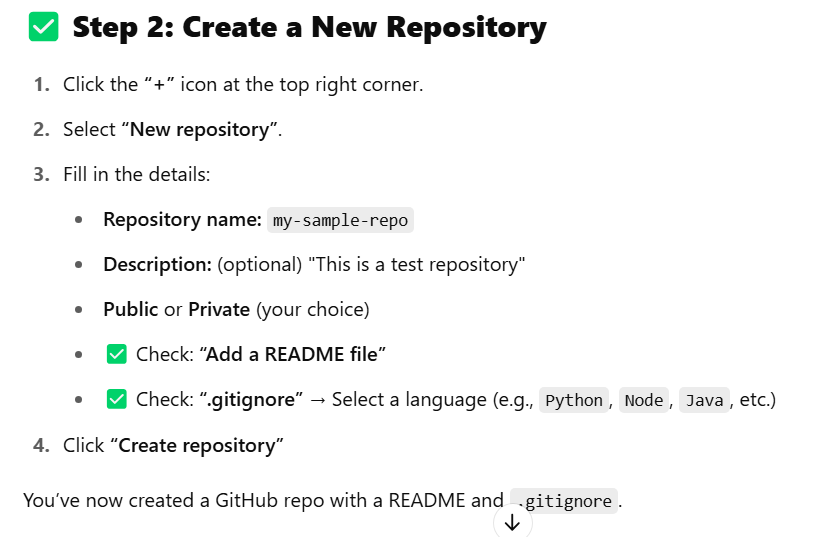


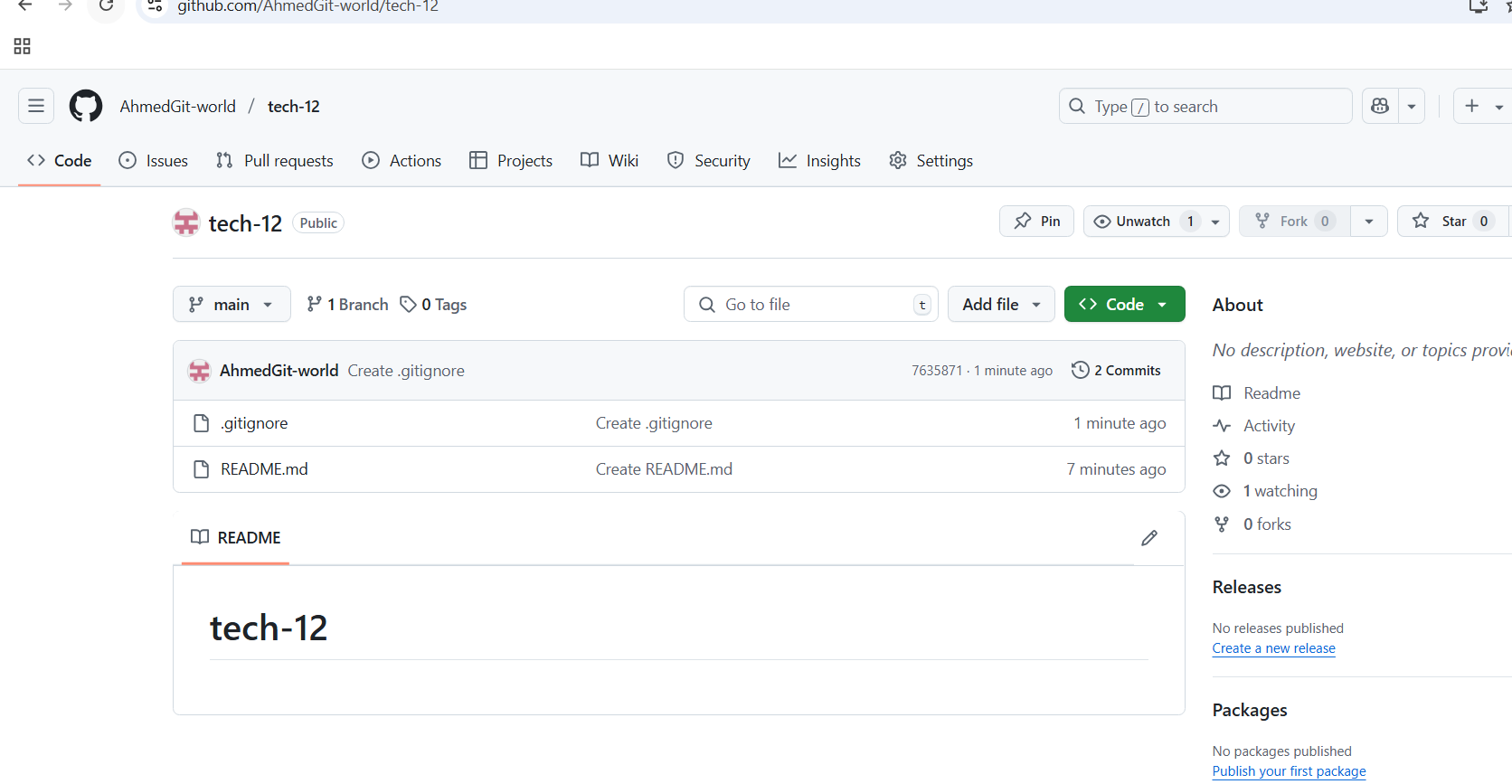




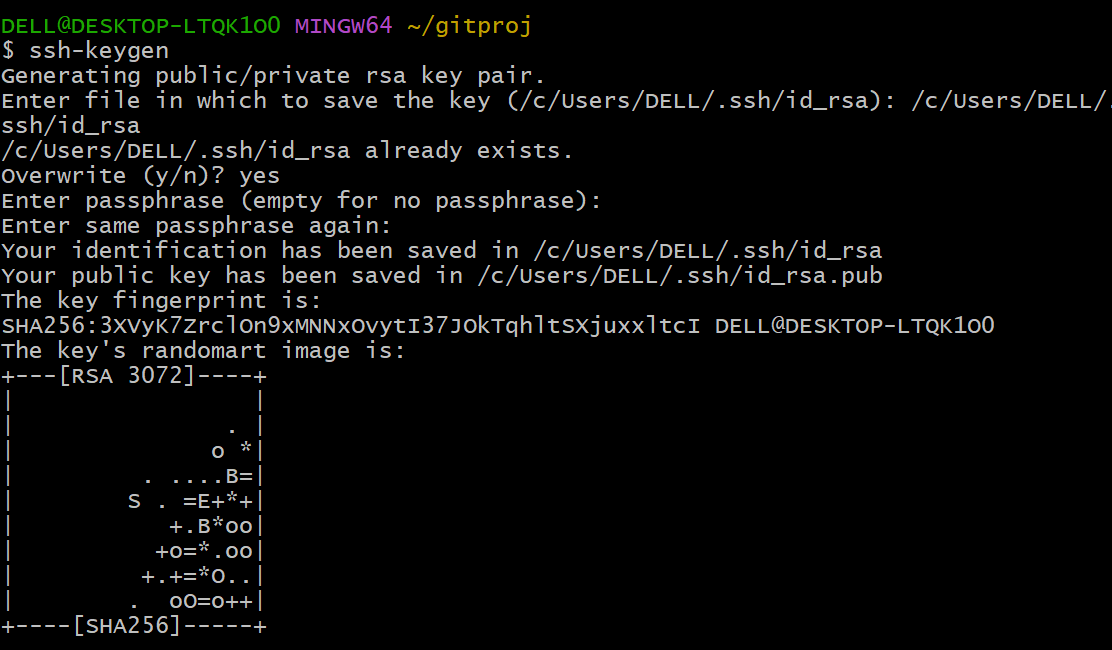
2) Create a repo in github with README.md and .ignore file

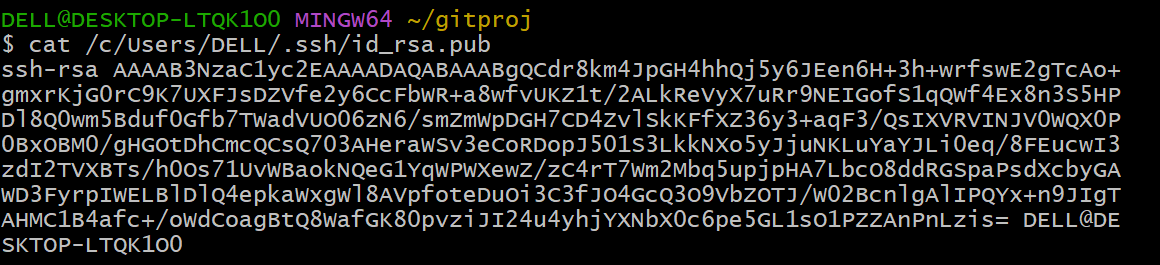


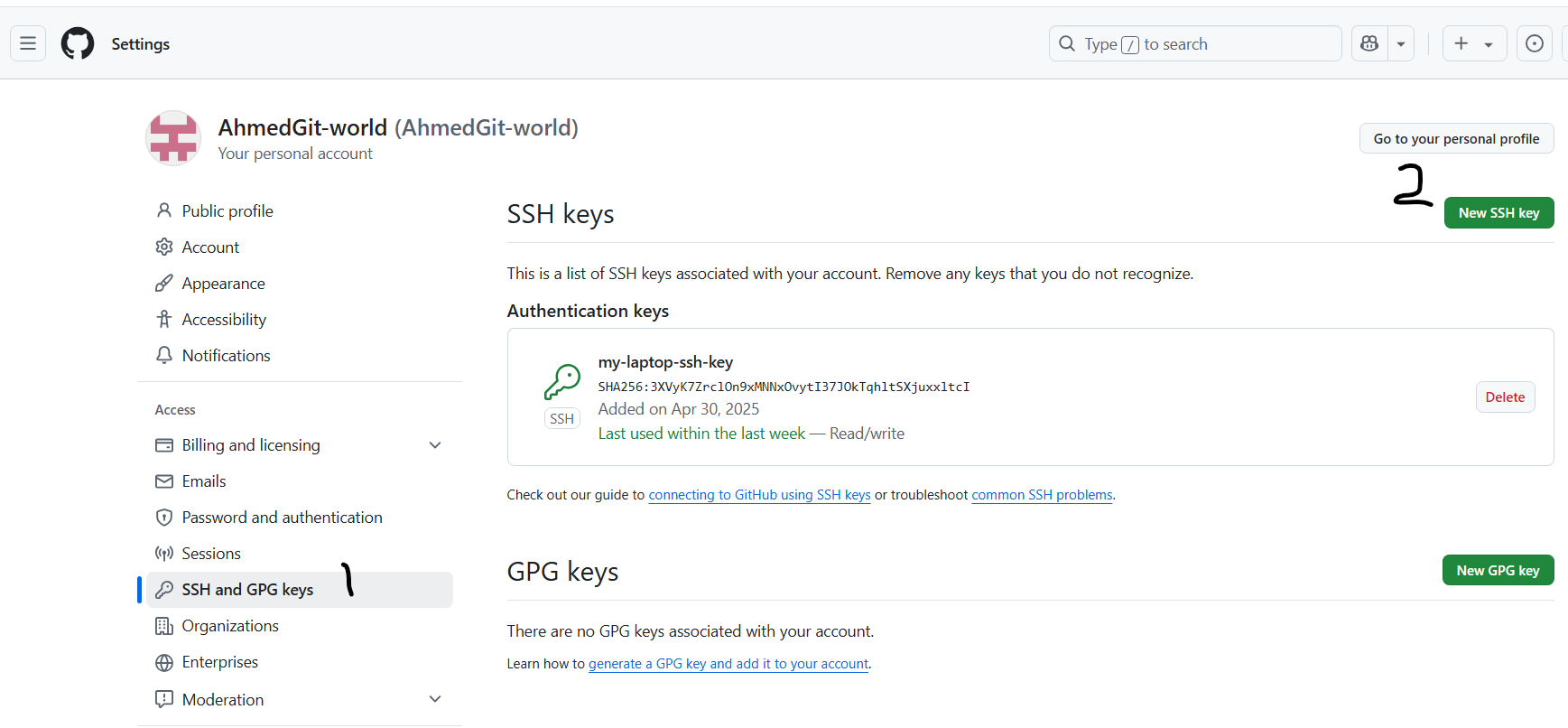


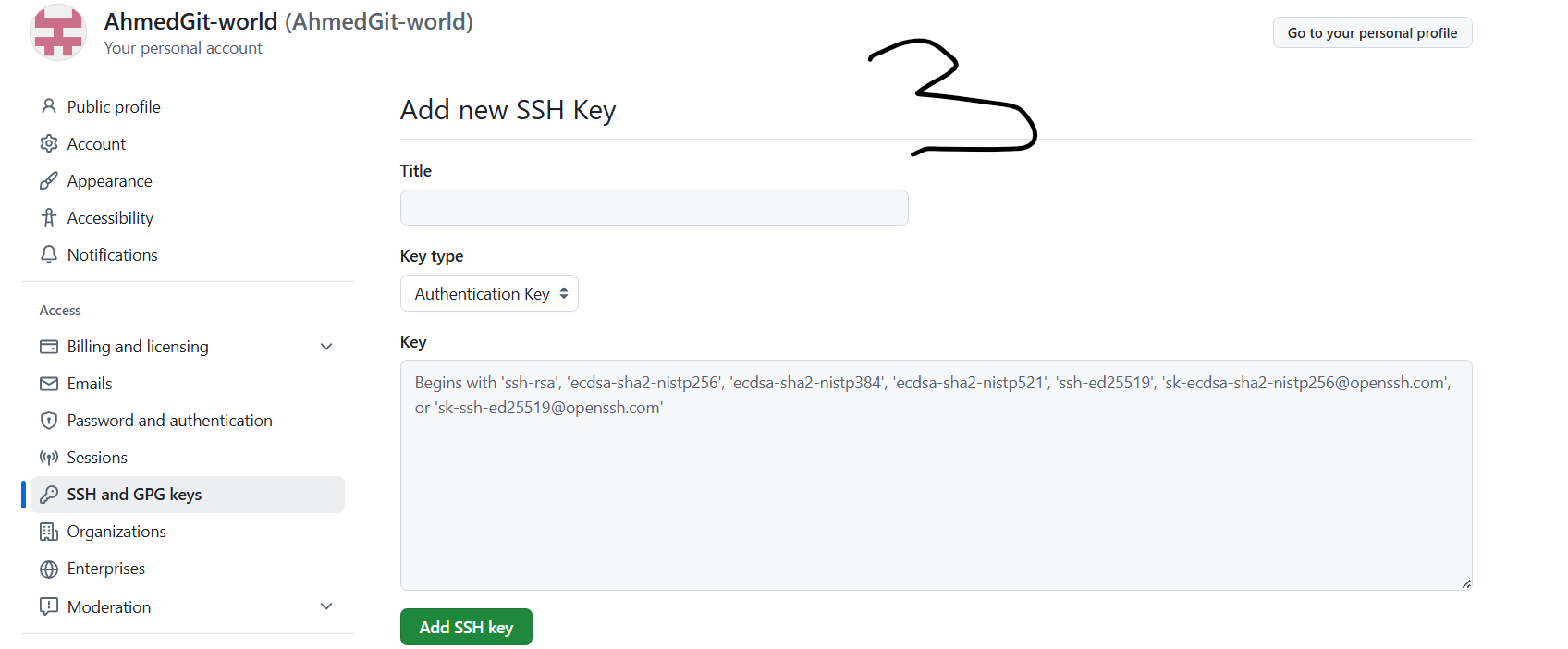


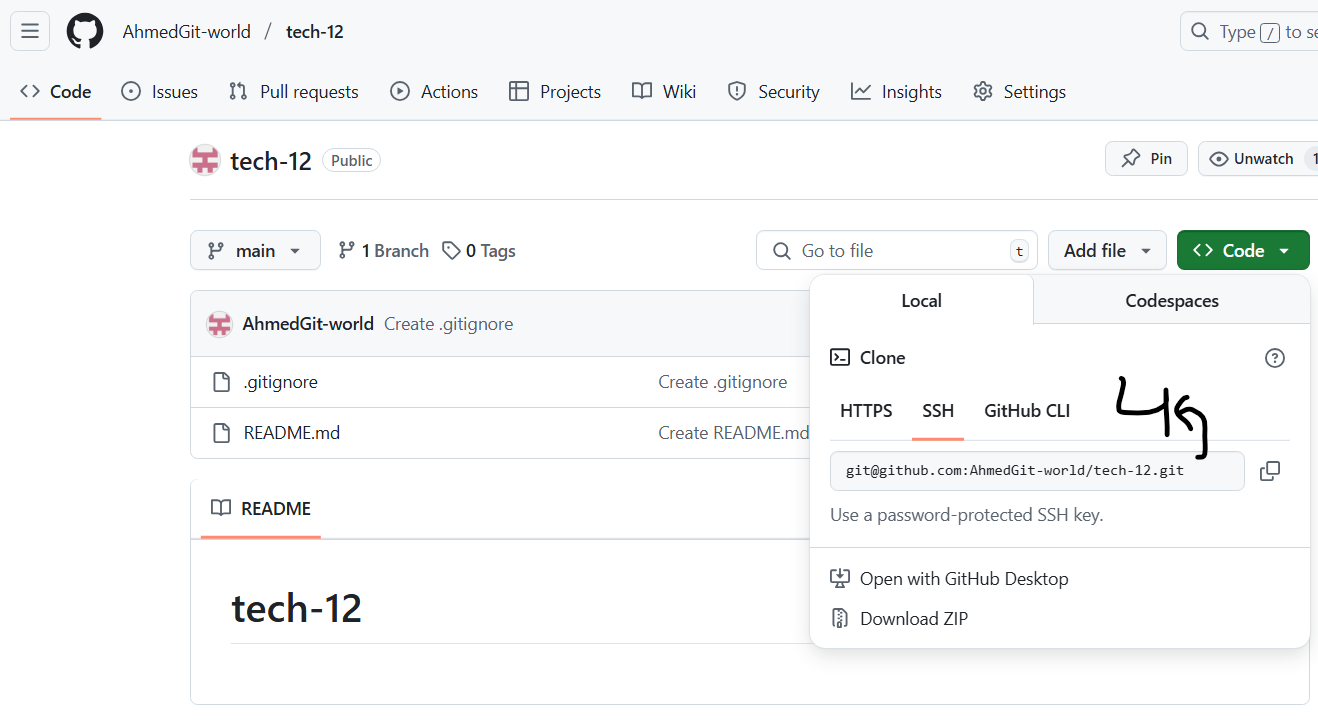
3) Clone the created repo to local.

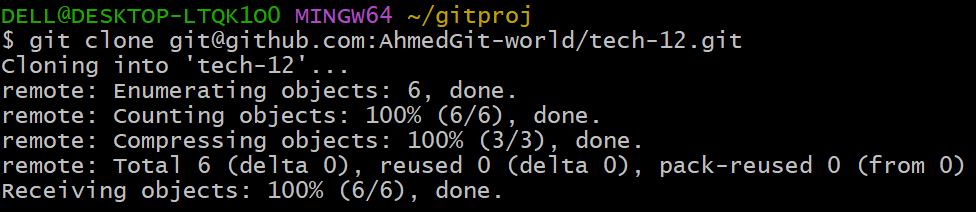






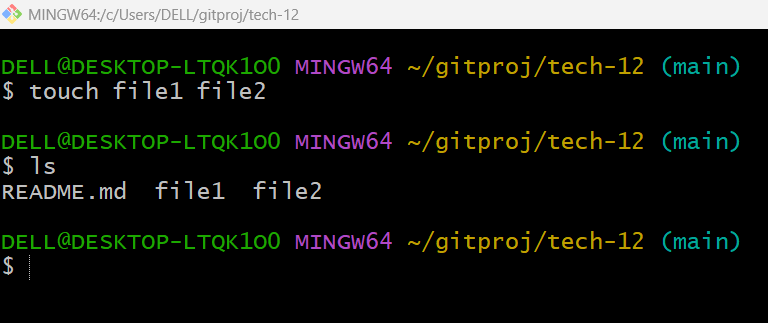






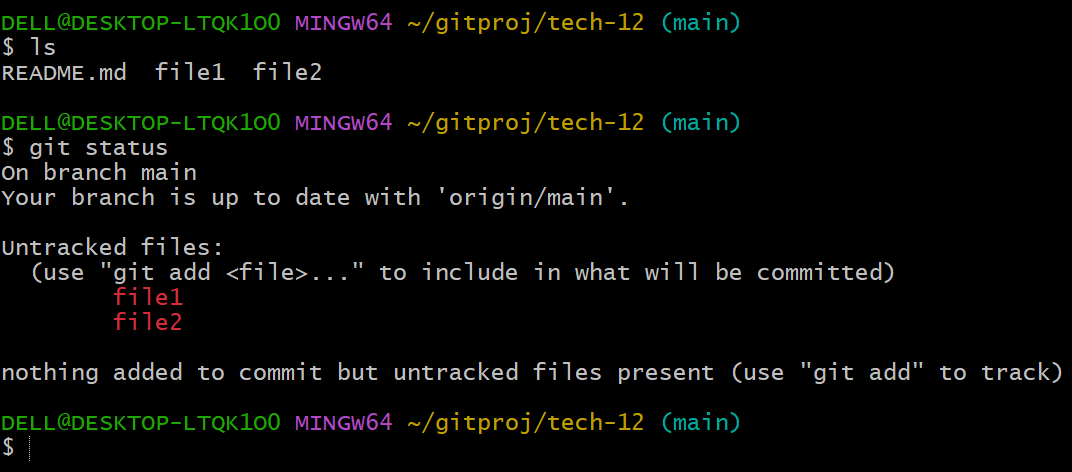


4) Create two files in local repo



5) Commit two files and push to central Repository

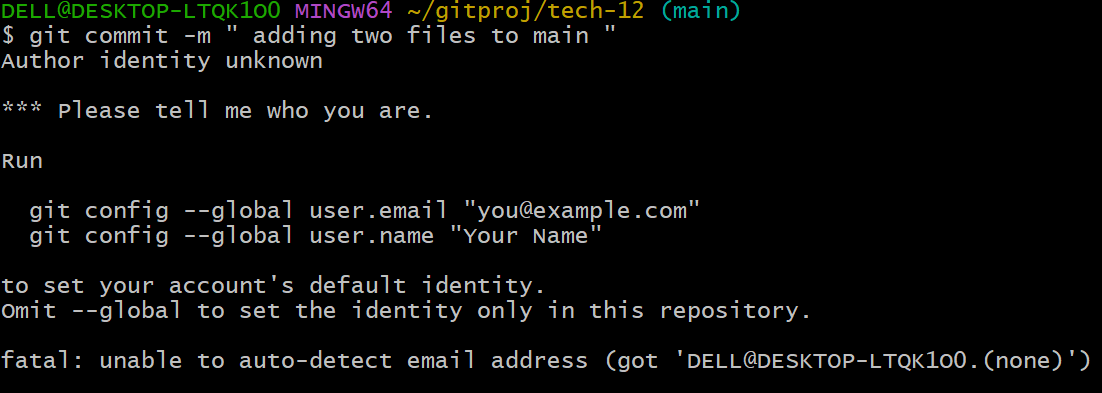
Step1:



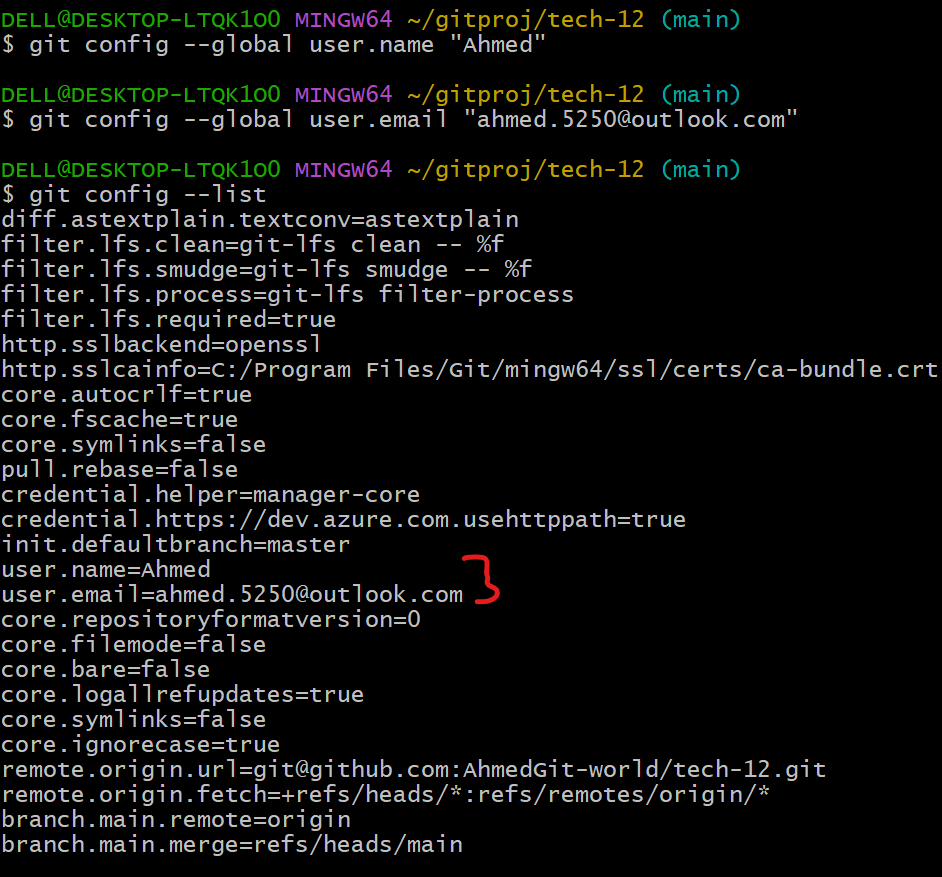
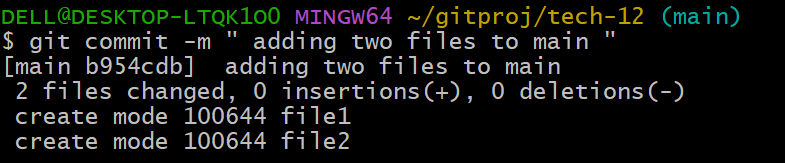
Step2:



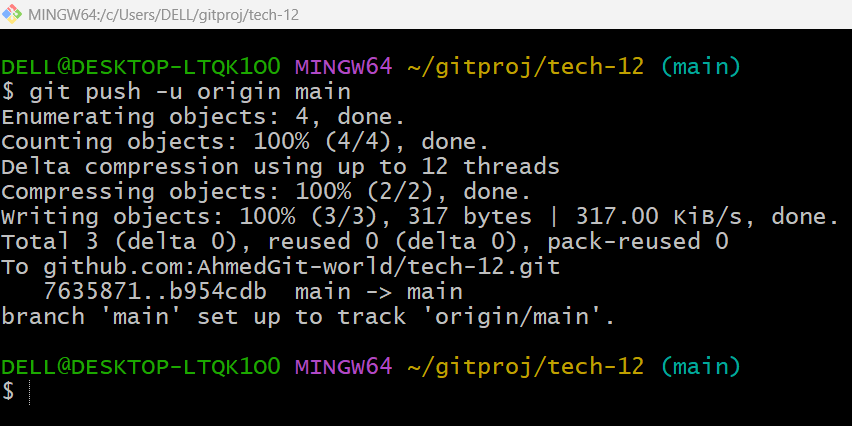
Step3:



First we need to create username and email id, then it will work:

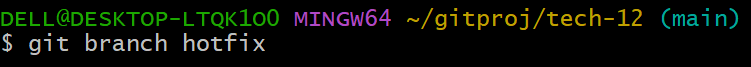
 

Pushing files from local repo to central repo:

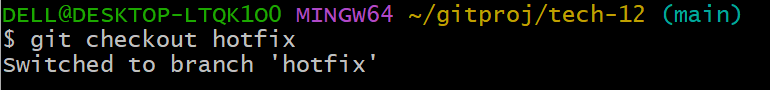


6) Create a branch in local and create a sample file and push to central.

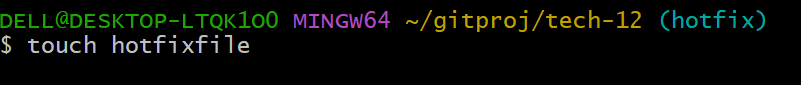
To create a branch, the command is :

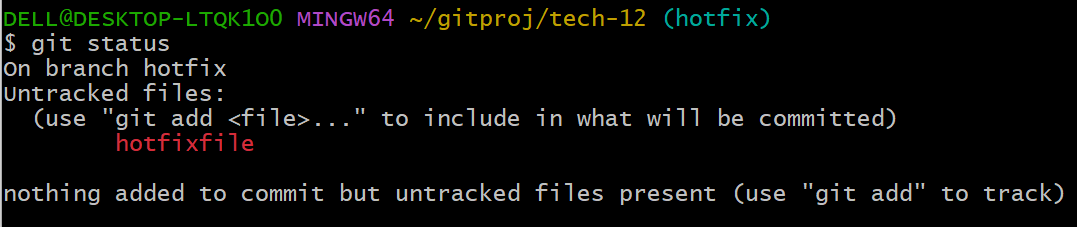


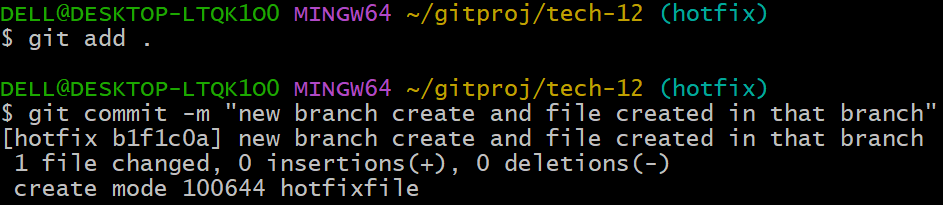
To switch the branch, the command is:



Creating a file hotfixfile in this directory:





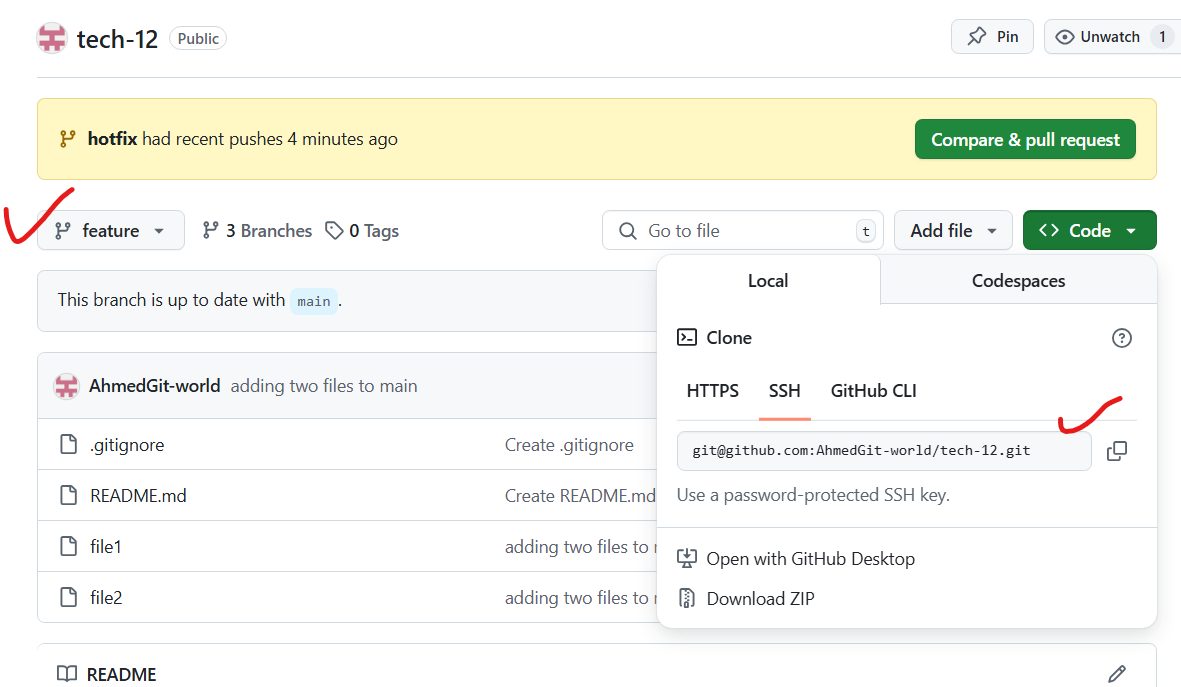


Push the branch hotfix to central repo:





7) Create a branch in github and clone that to local.

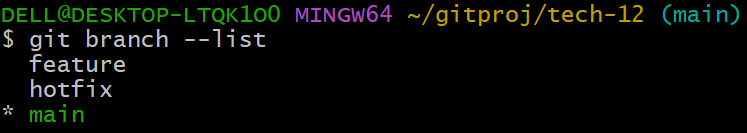




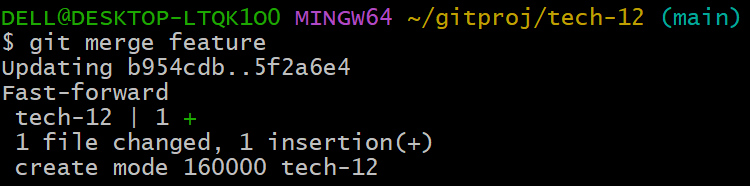
8) Merge the created branch with master in git local.

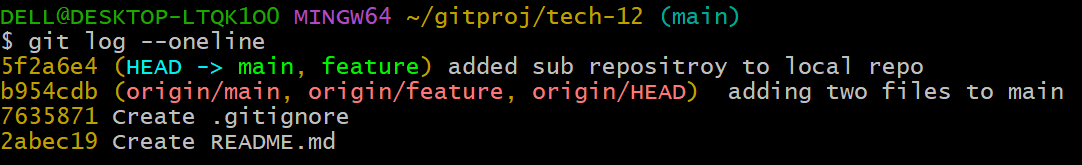
Step1: git branch feature (branch-name)

List of branches:

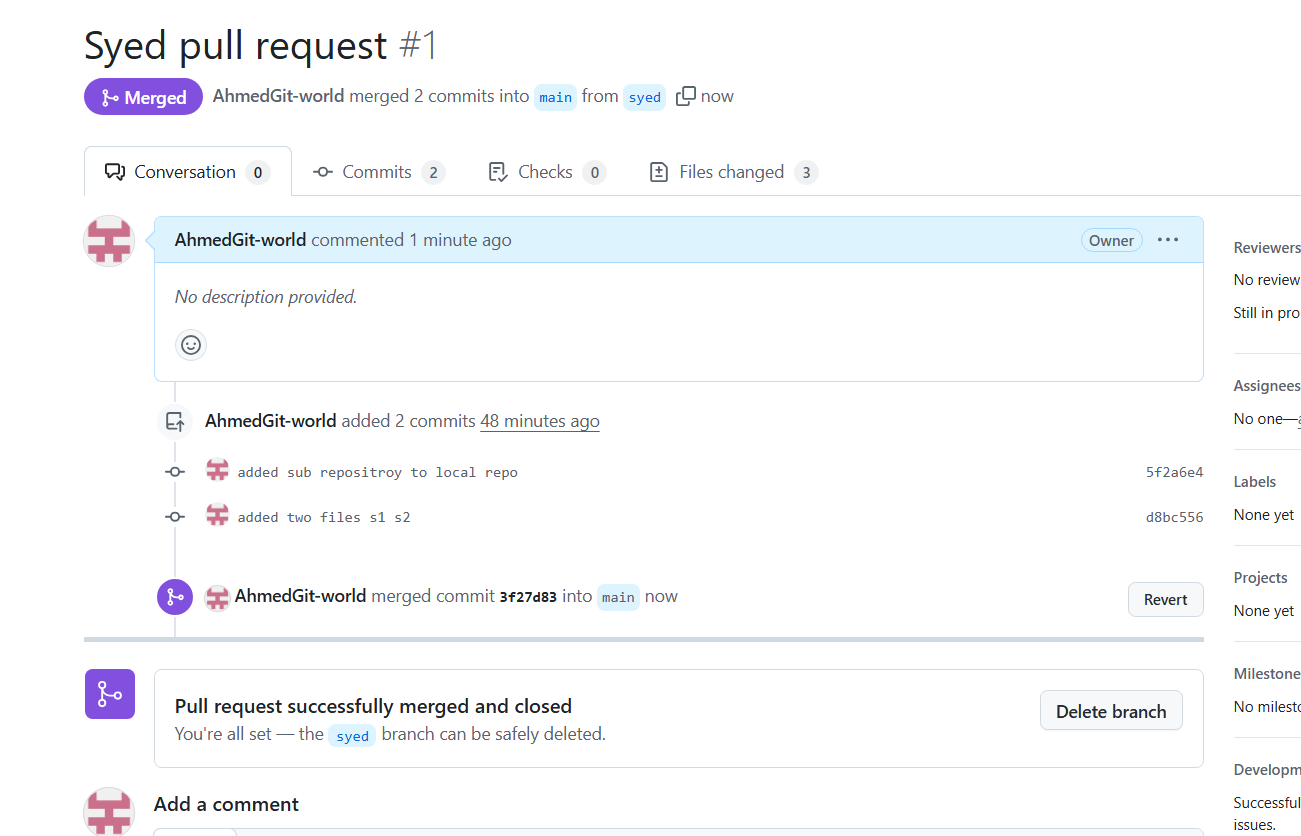


Now I am merging feature branch to main branch:



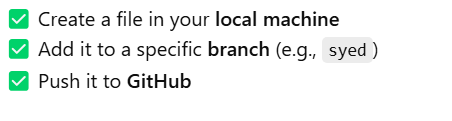


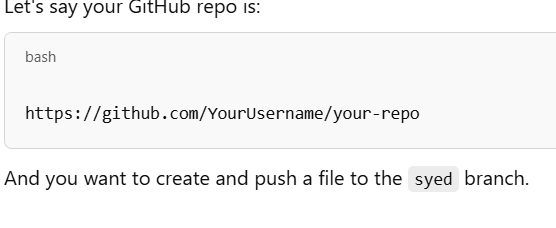
9) Merge the created branch with master in github by sending a pull request.

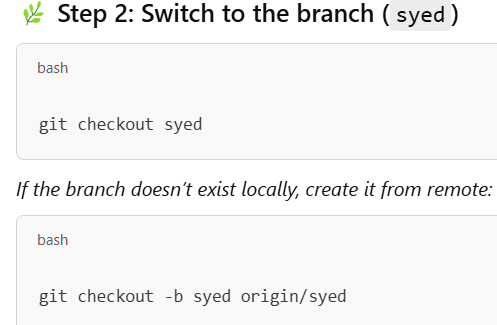


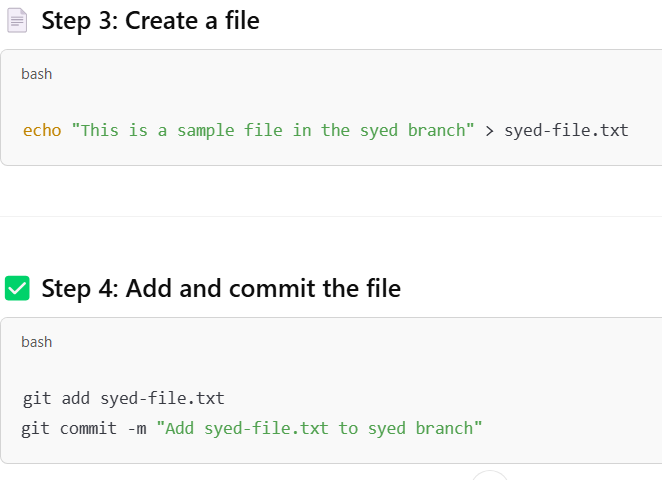


10) create a file in local and send that to branch in github

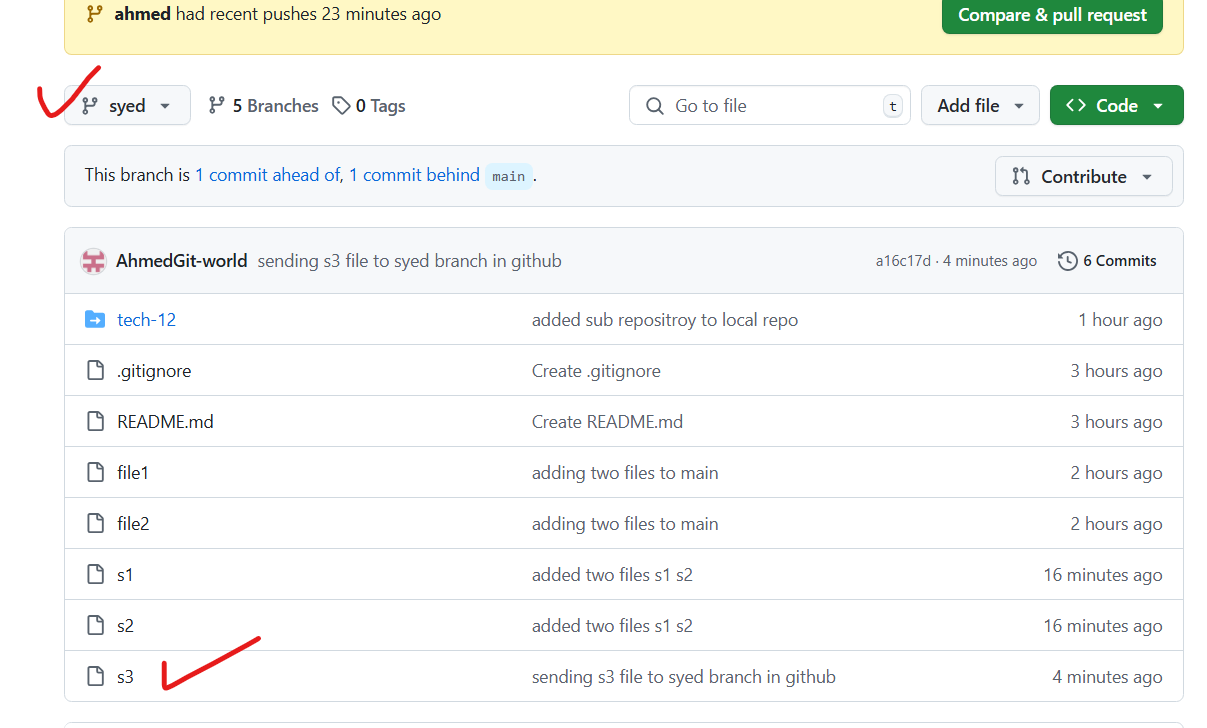




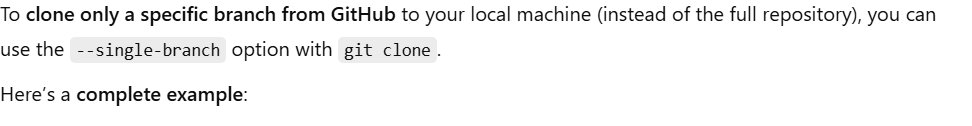


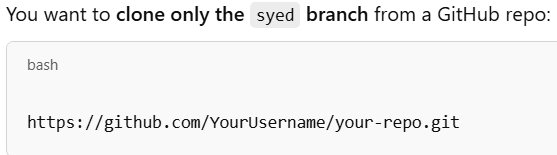


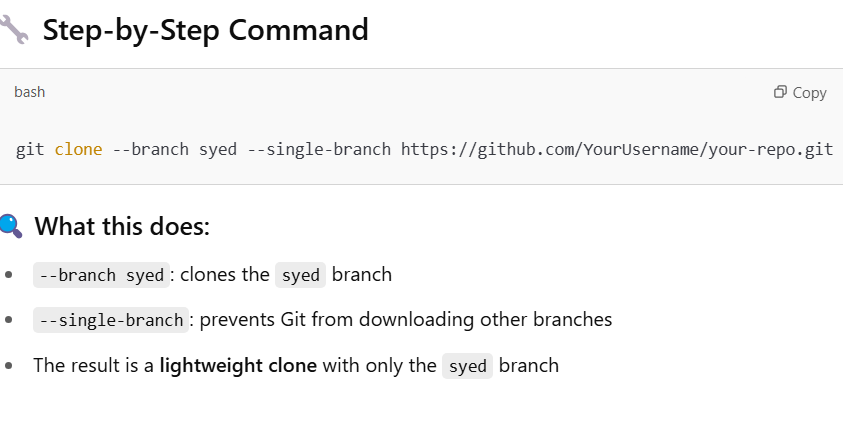


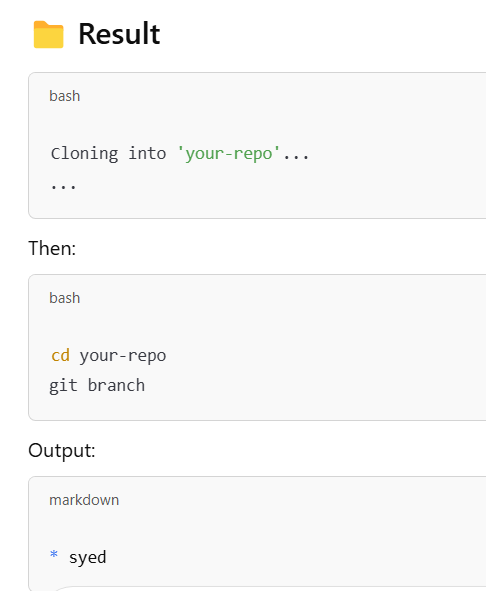


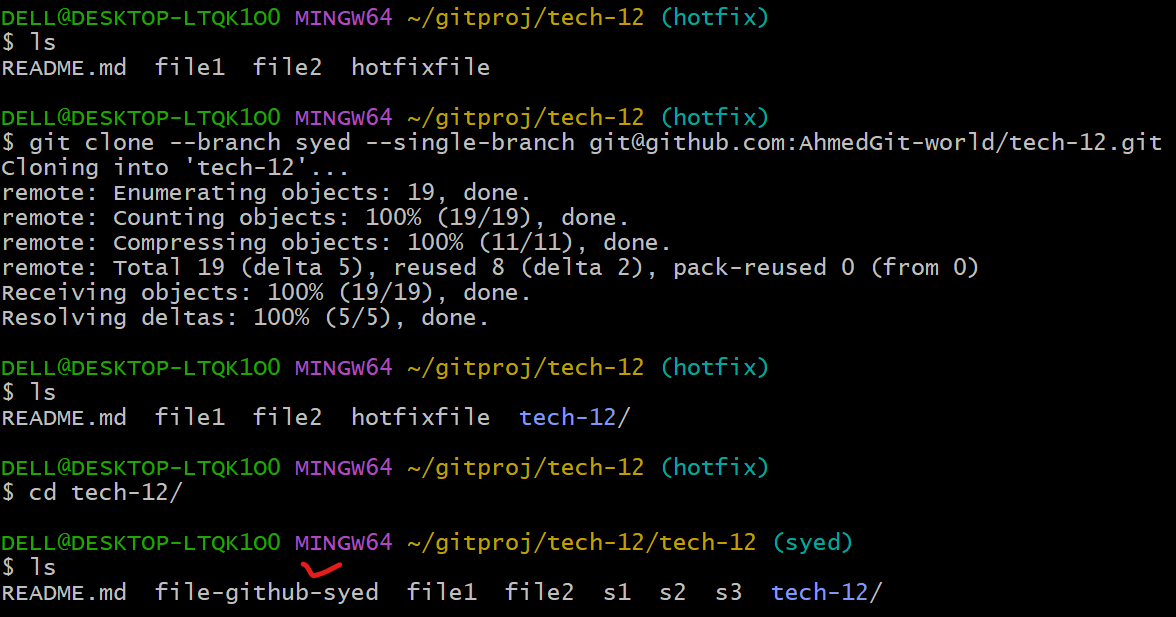
11) clone only a branch from github to local.



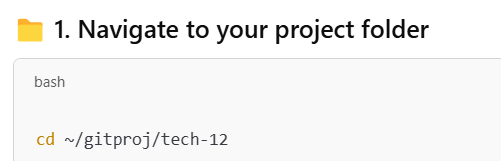




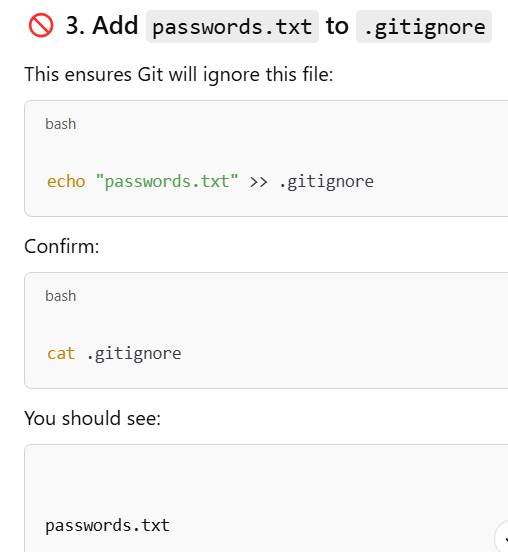


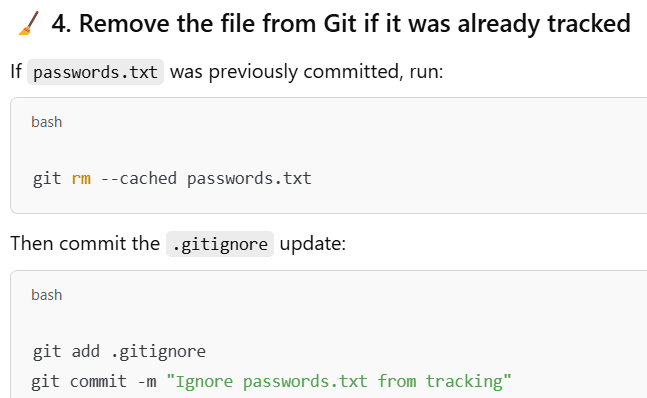


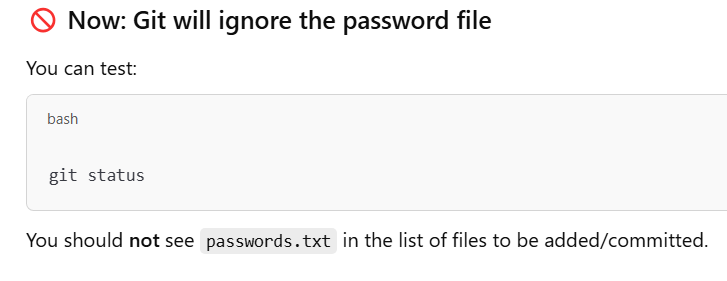
12) create a file with all passwords and make that untrackable with git.

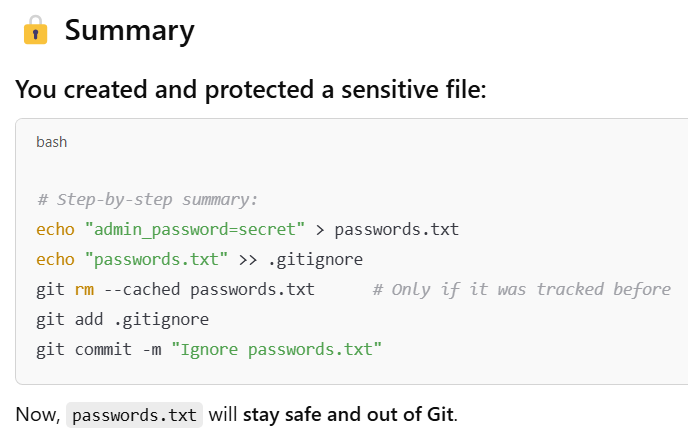


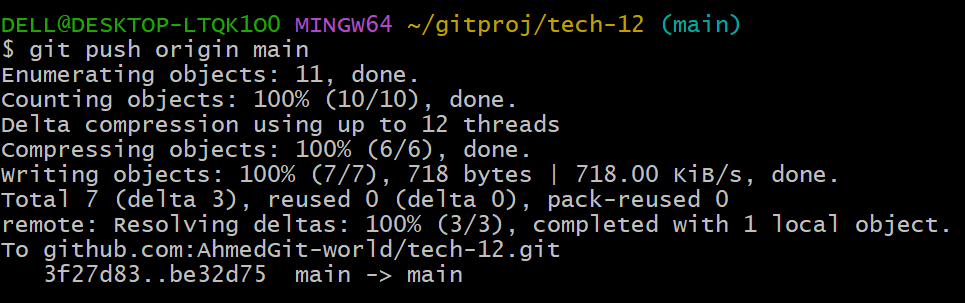


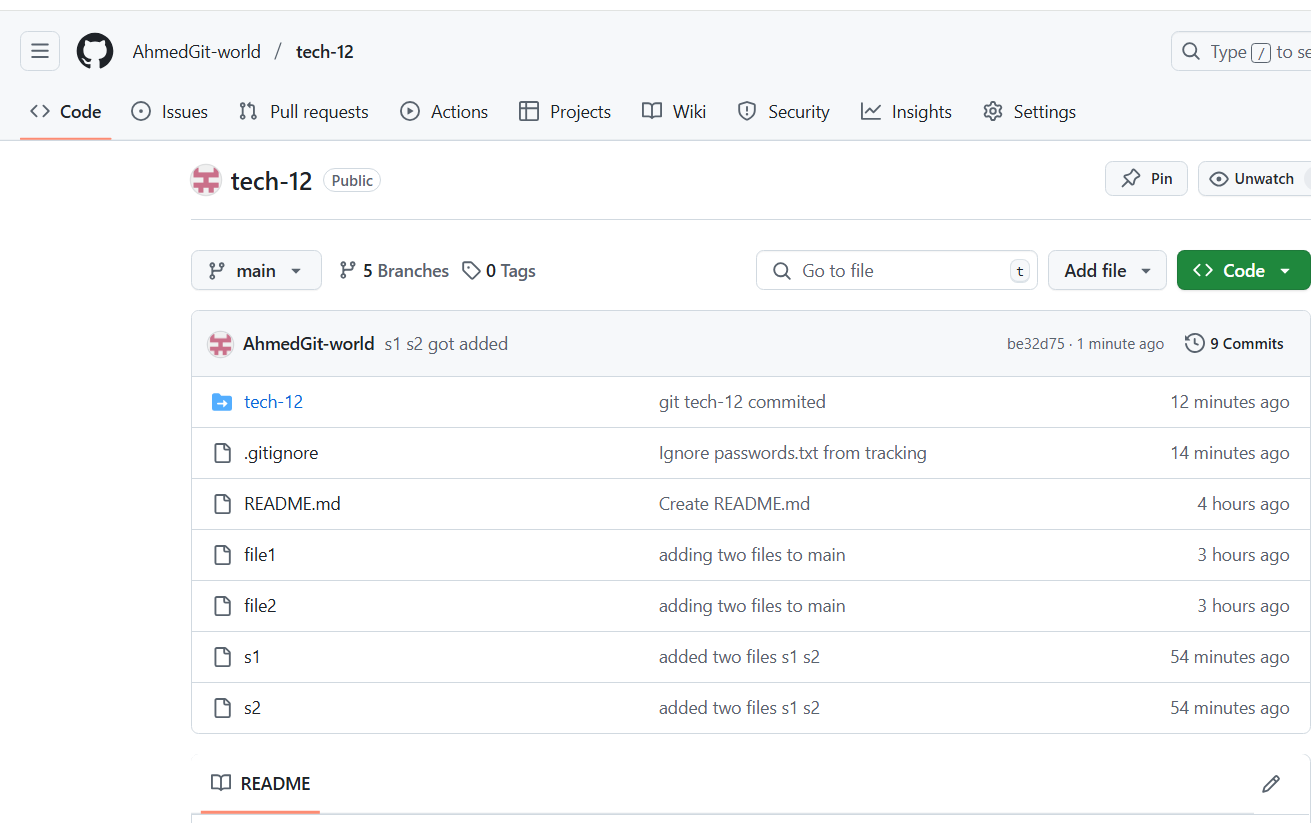


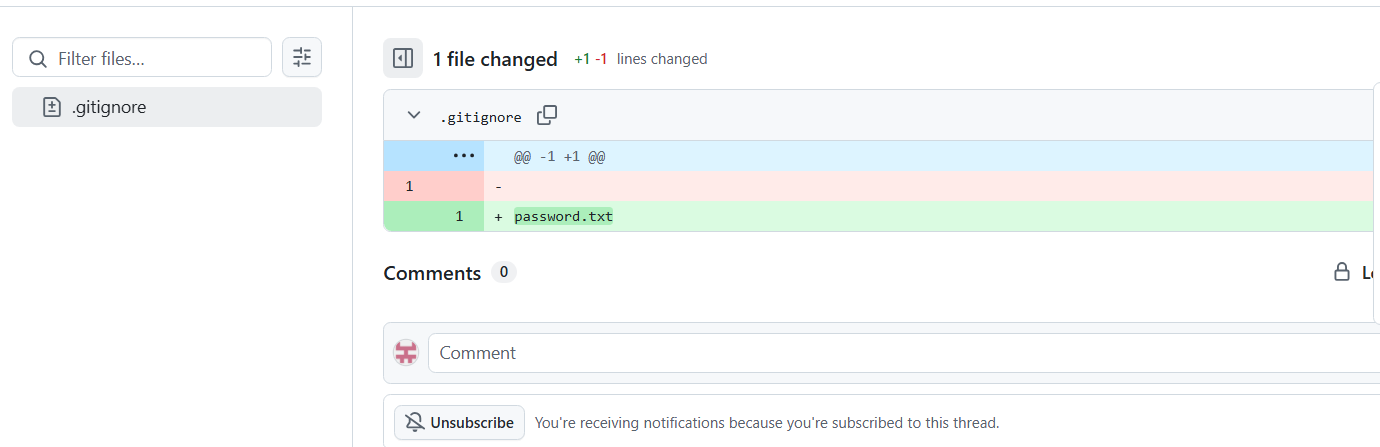




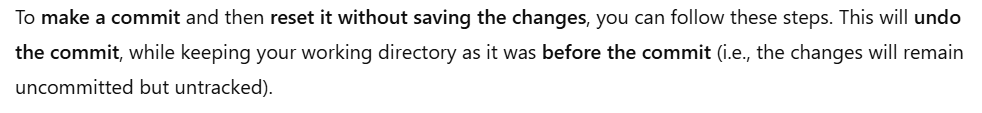


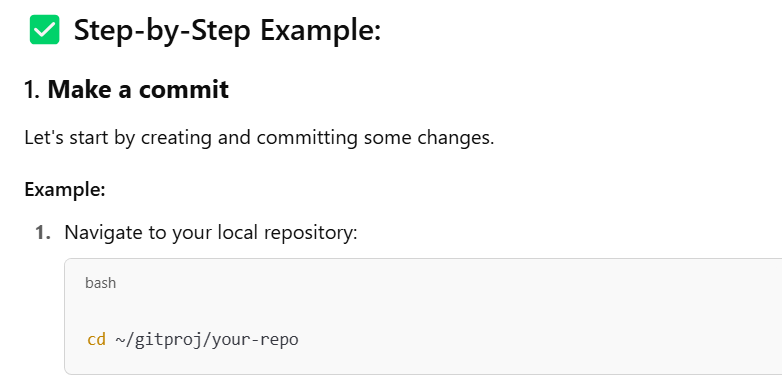


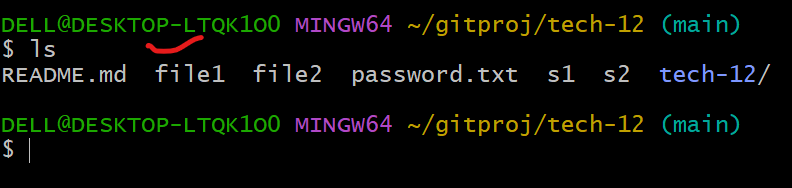


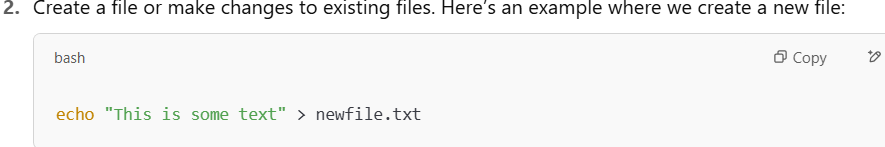


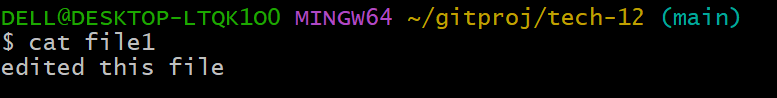
13) make a commit and make that commit reset without savings changes.

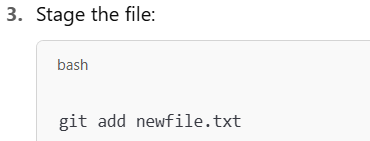


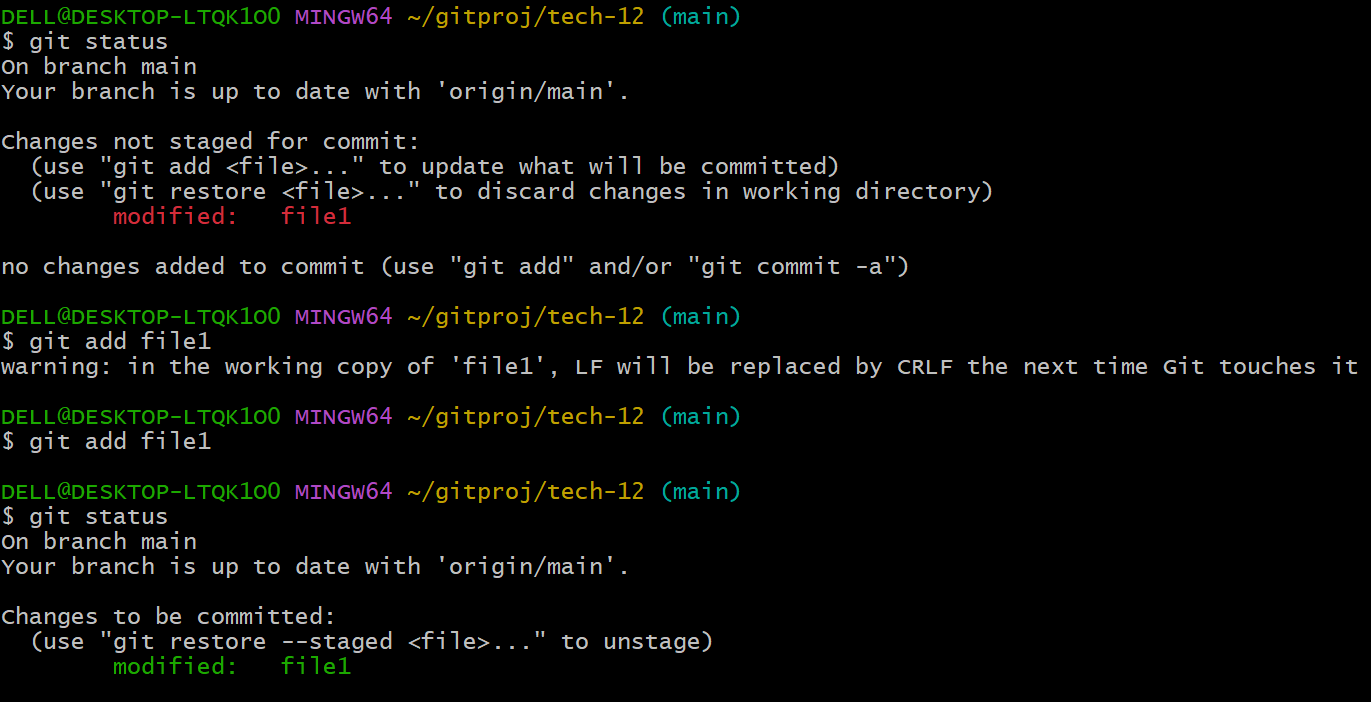


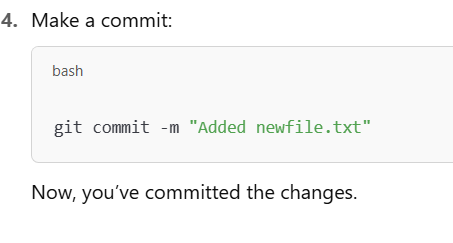




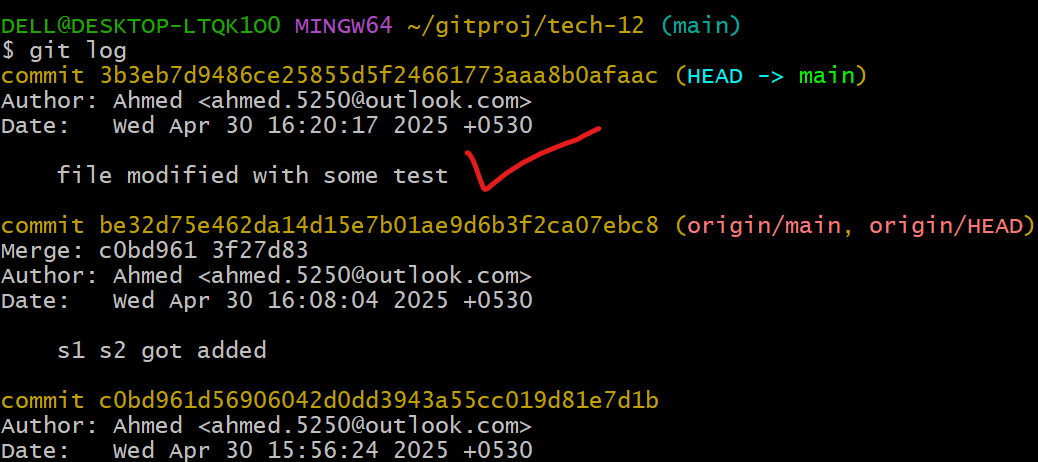


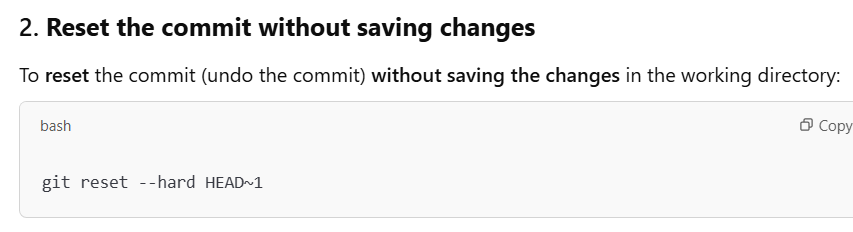


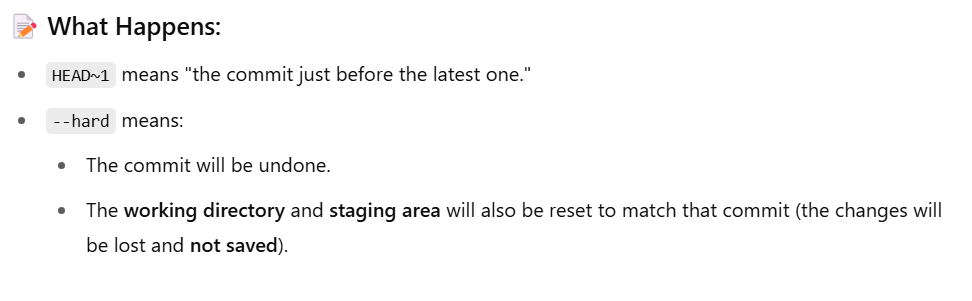




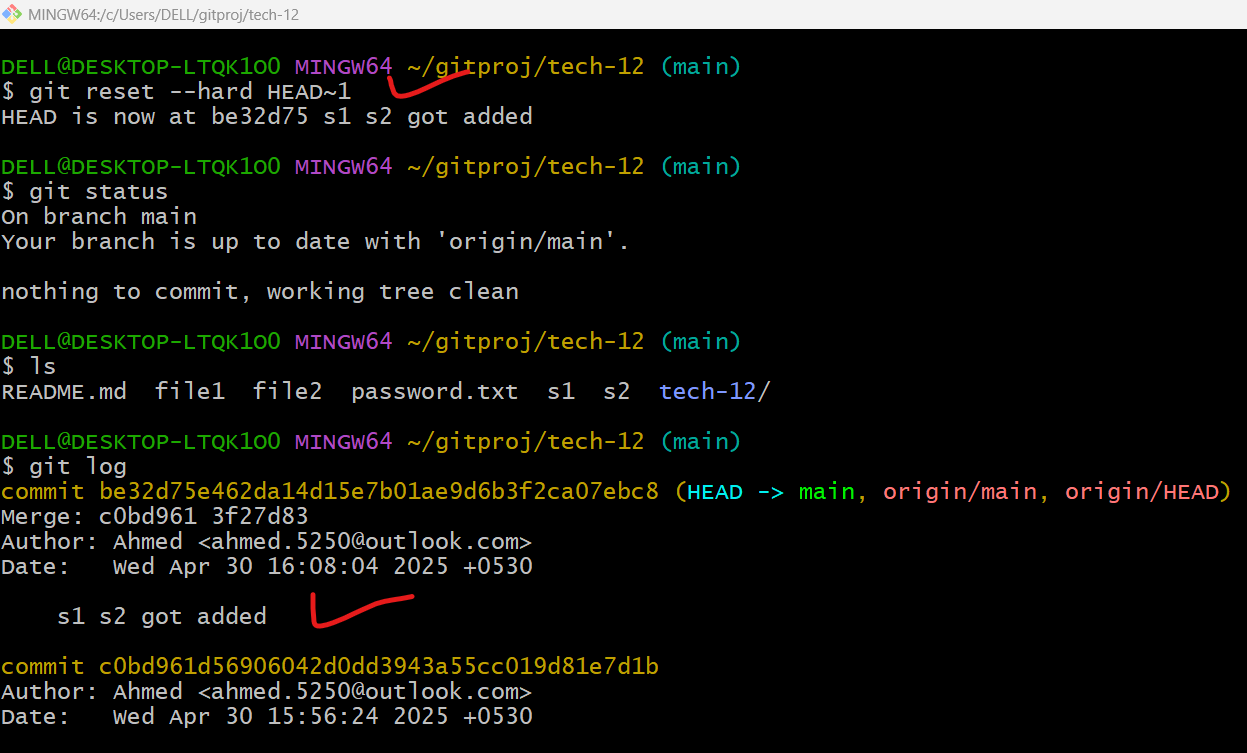


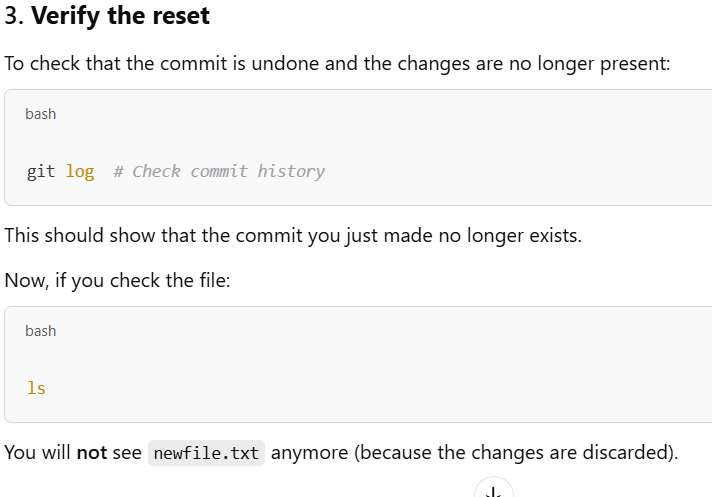




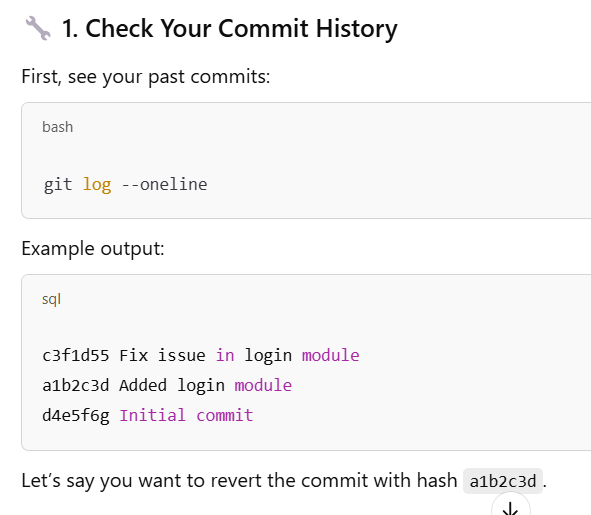


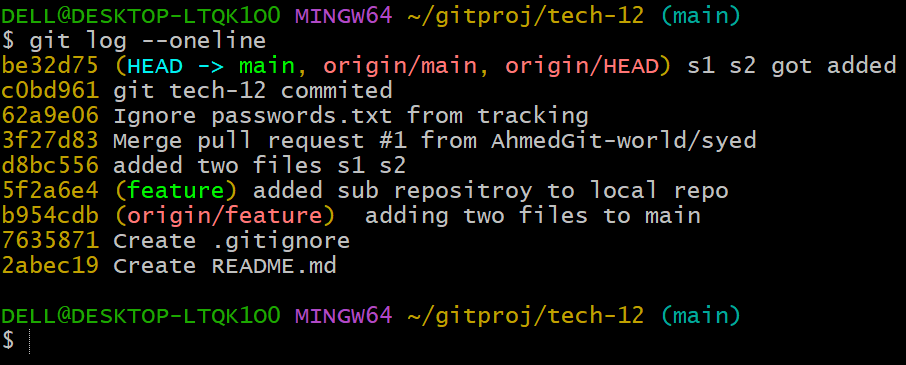
First commit was reset and now second commit become first commit, as shown below..



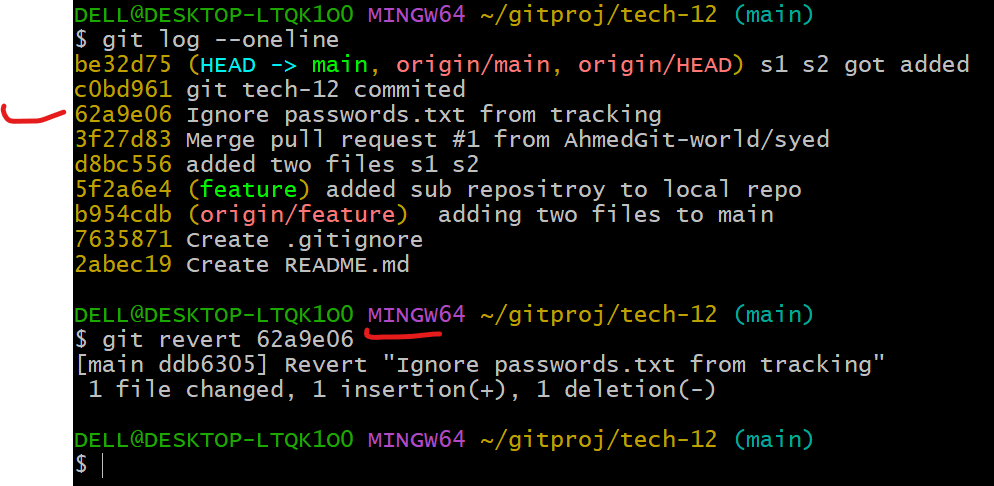


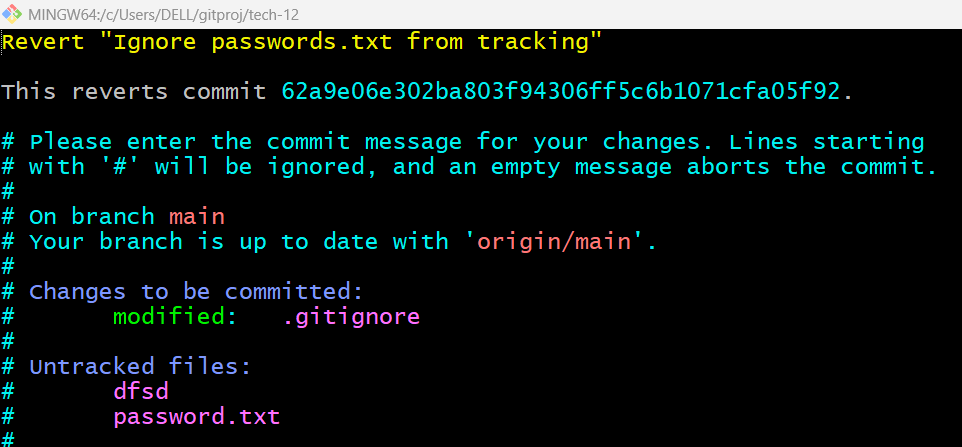
14) Revert a commited commit to the older version.

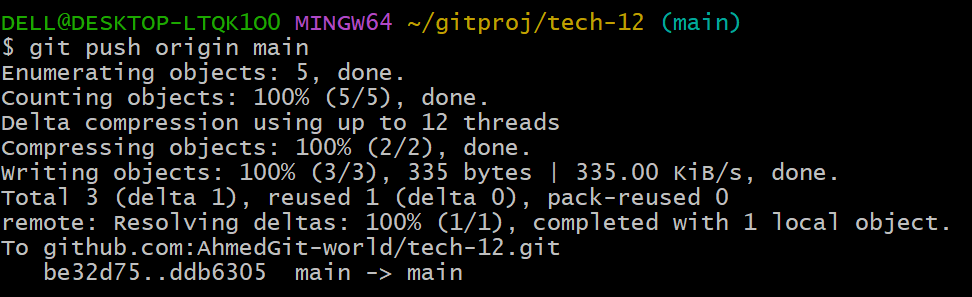


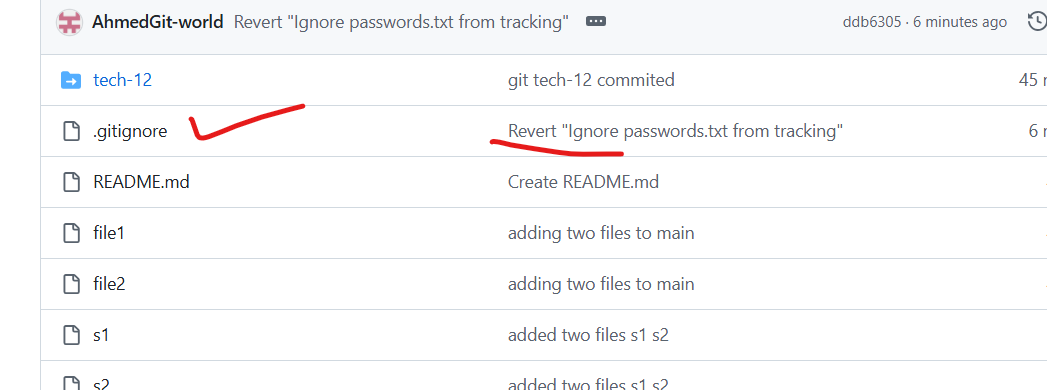


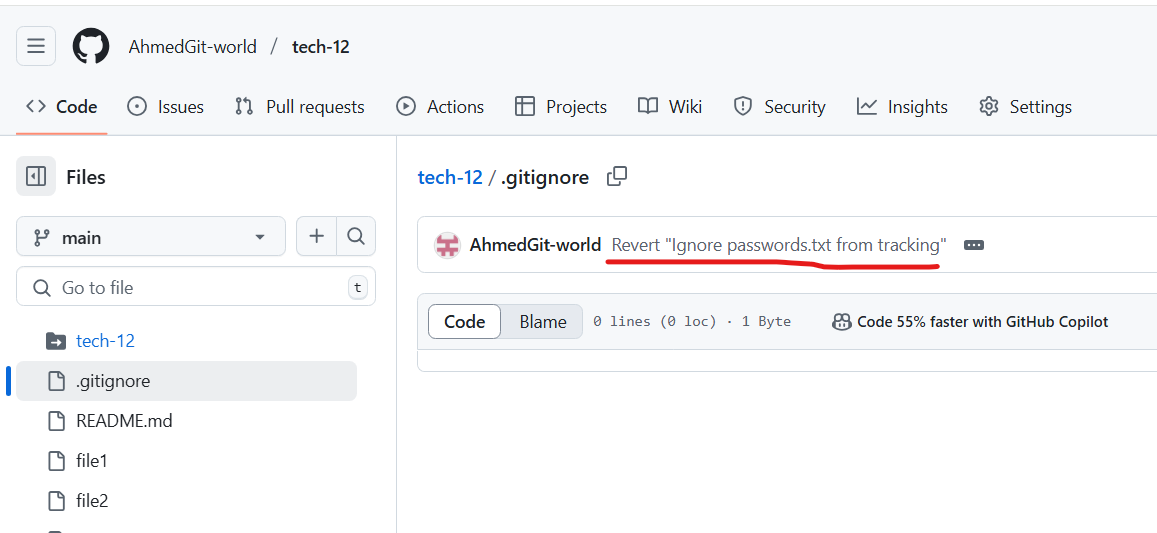


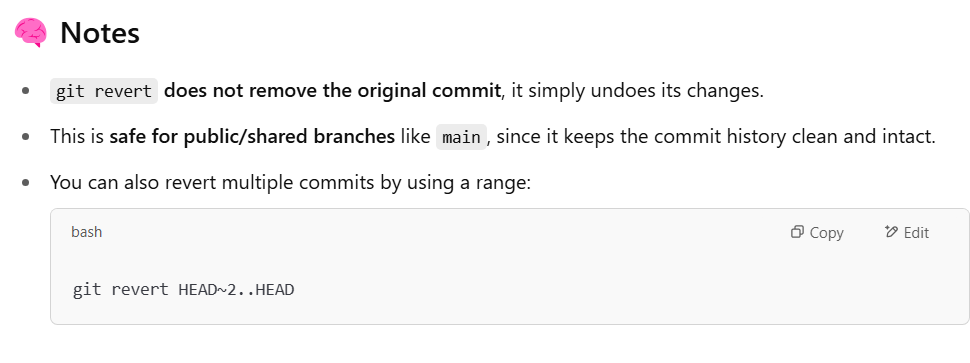








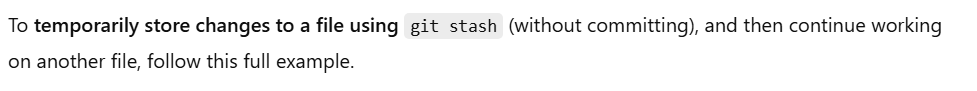


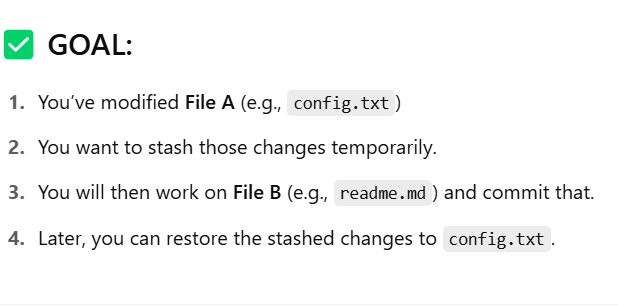


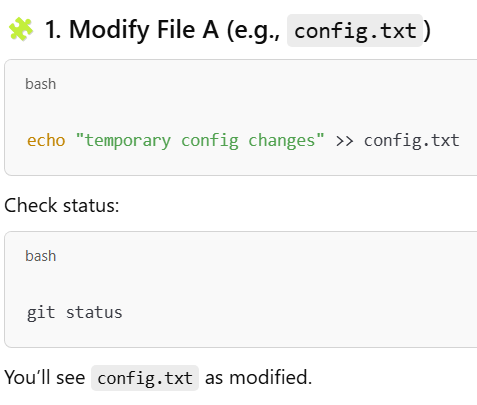
15) push a file to stash without savings the changes and work on another file.

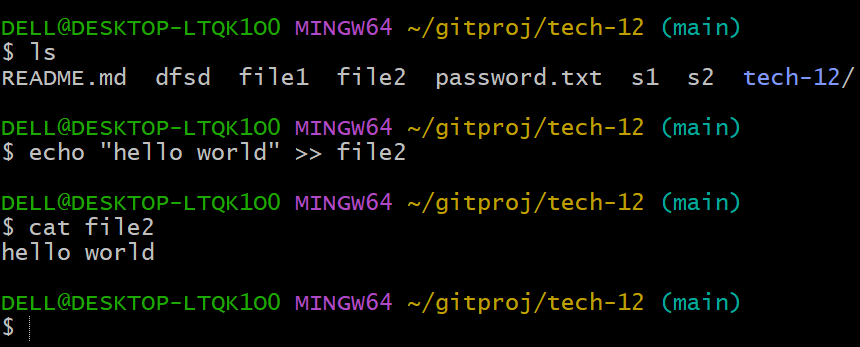
16) undo the stash file and start working on that again.

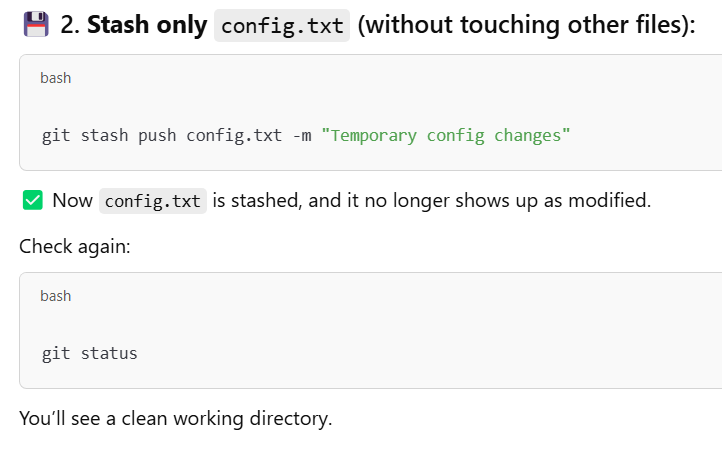
Both the task done in this only.



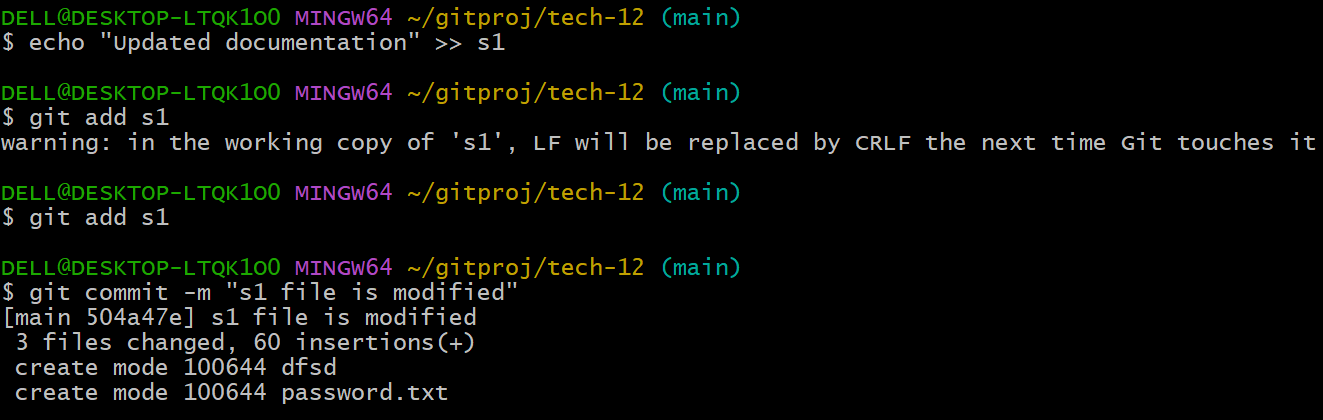
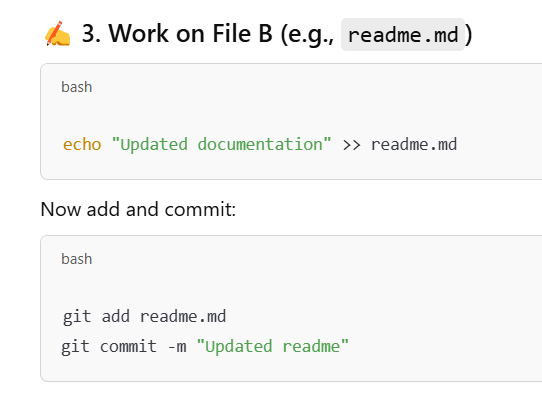




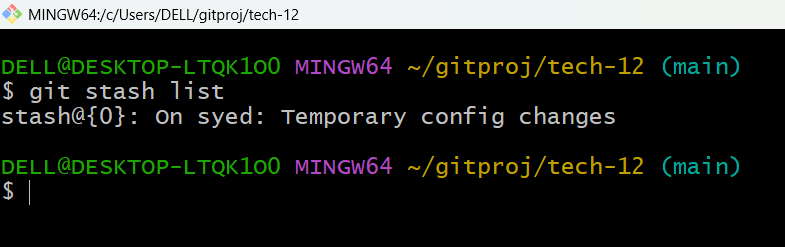




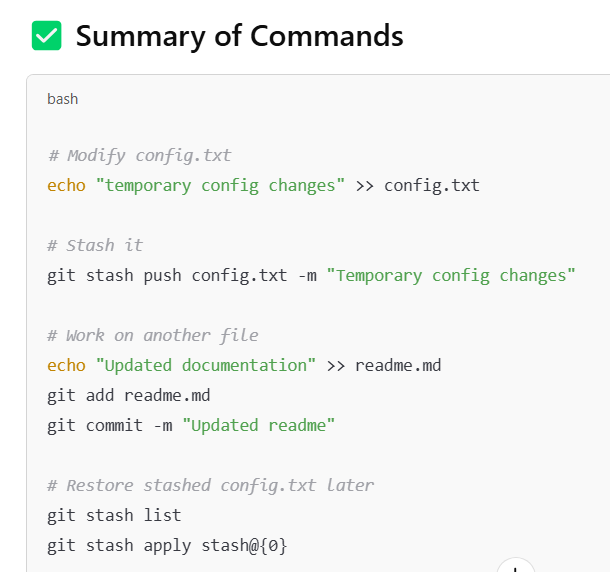










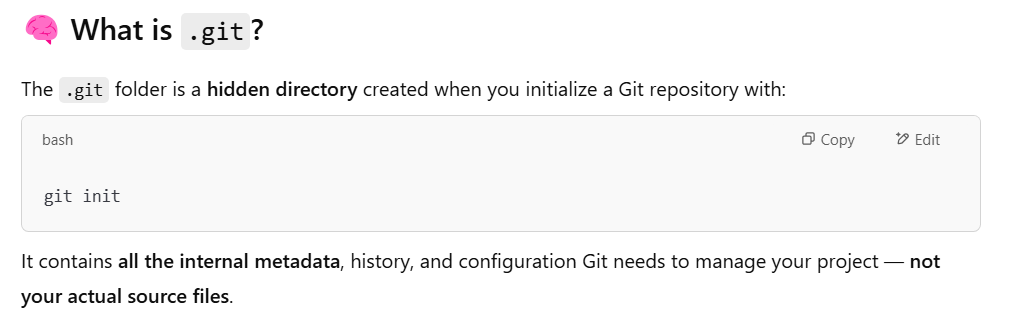


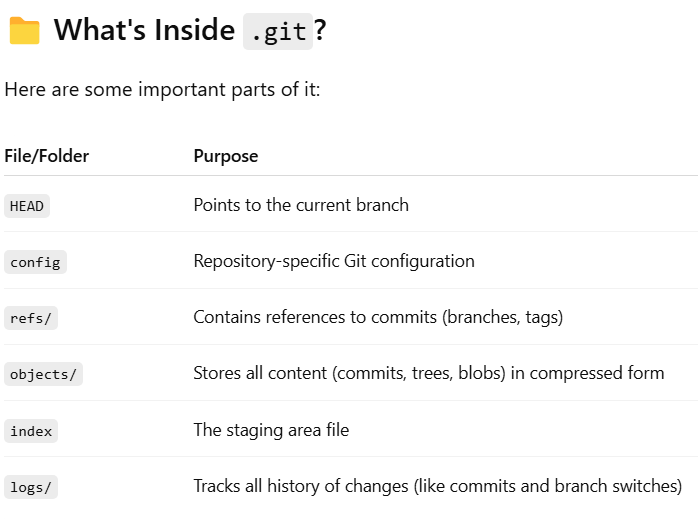
17) generate a ssh-keygen and configure into github.

Done this task in question no 3.

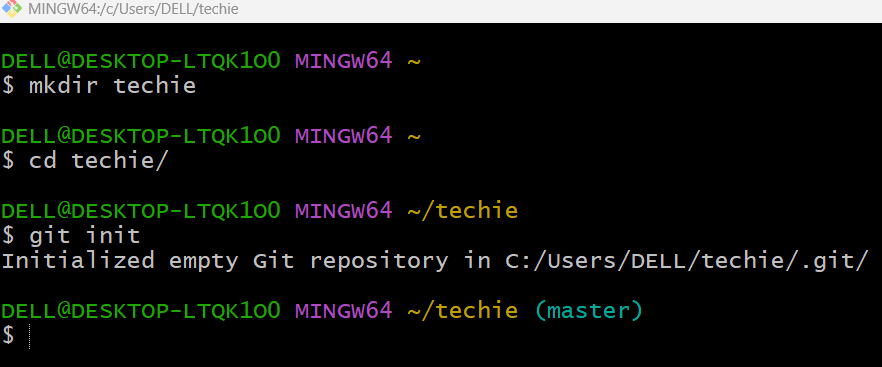
18) configure webhooks to github.

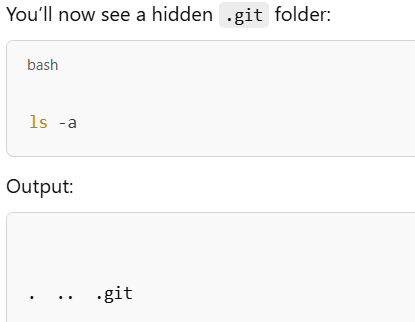
19) basic understanding of .git file.

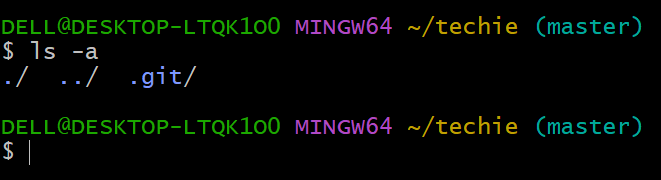


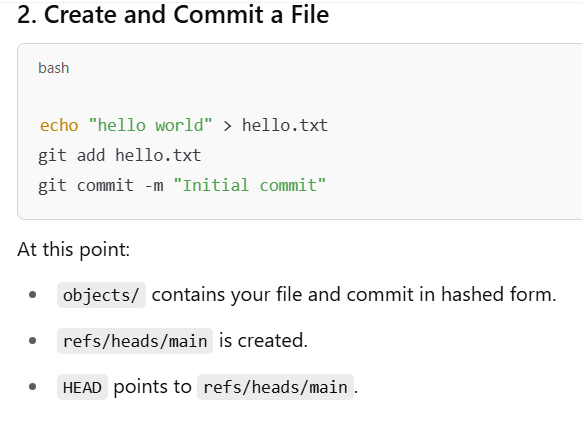


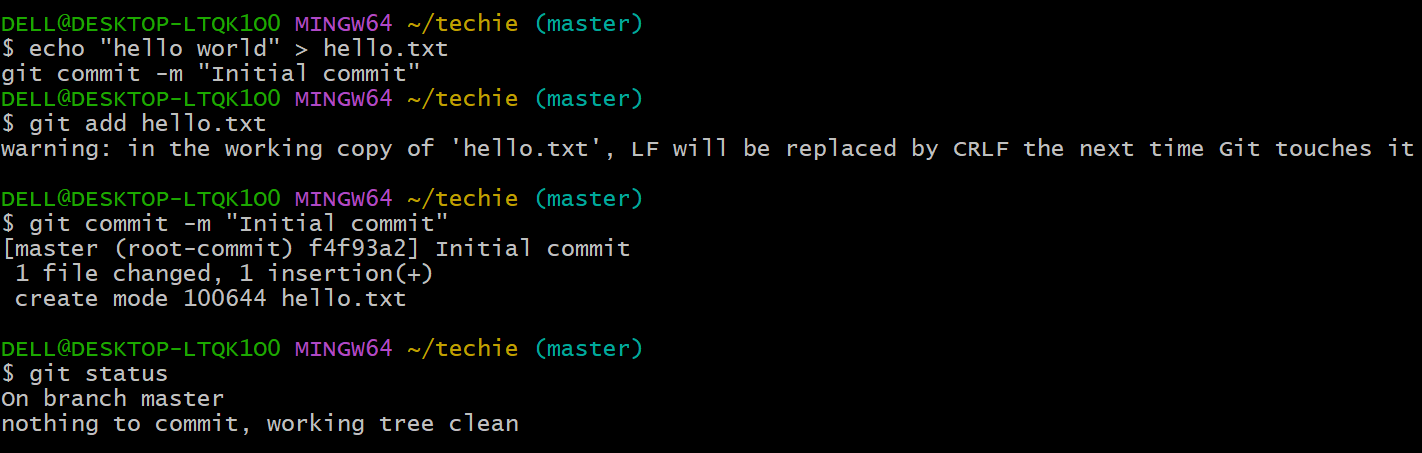




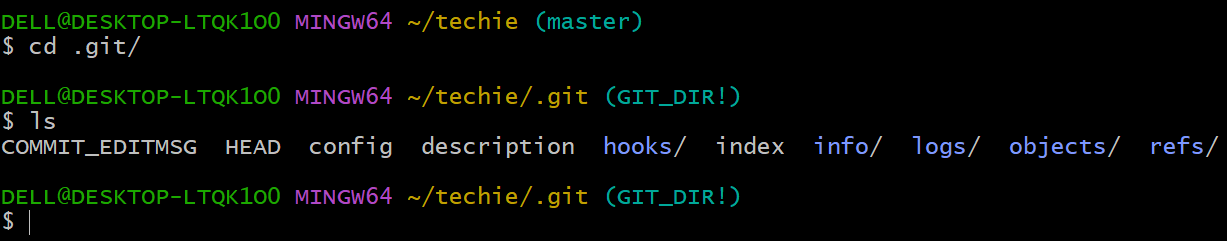


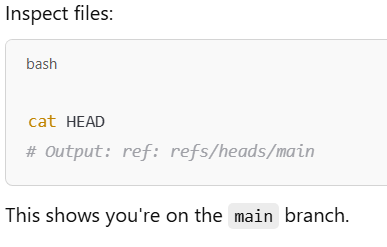


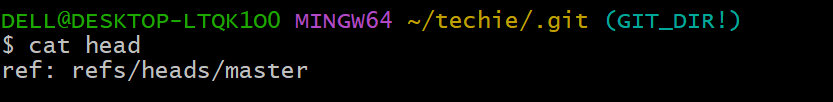


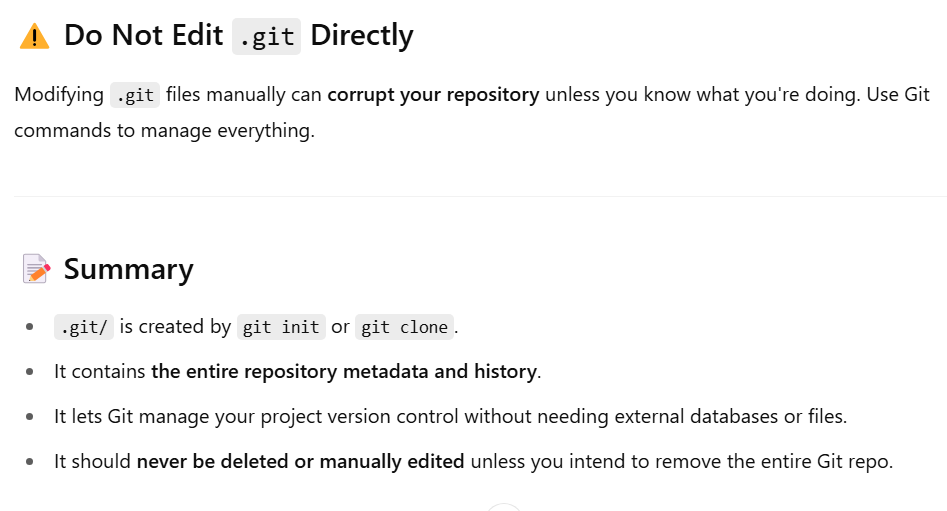




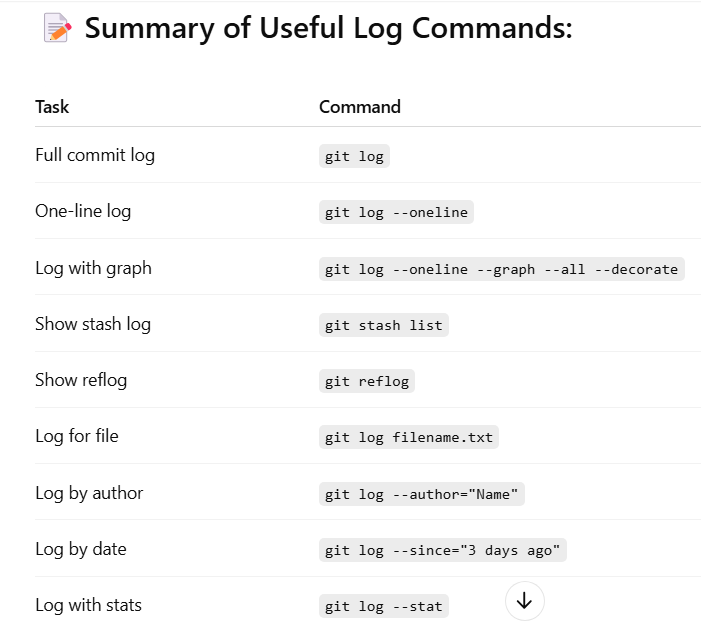


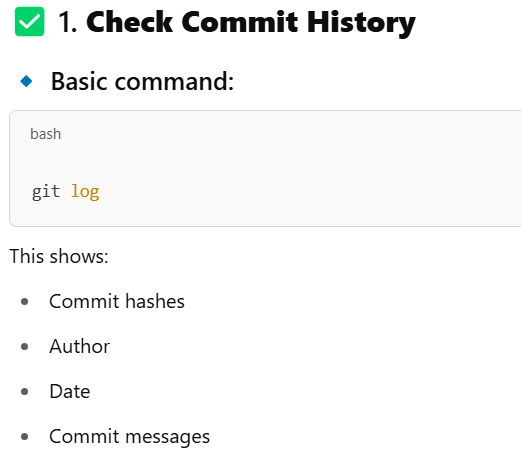


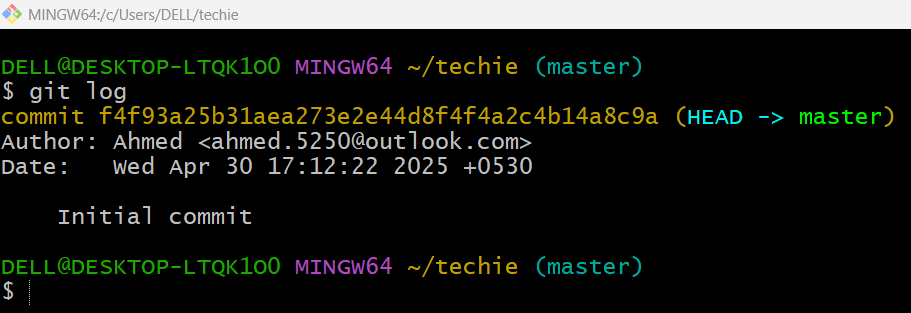


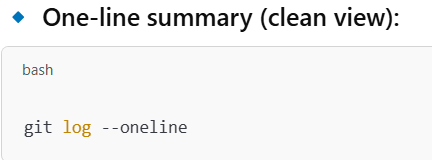


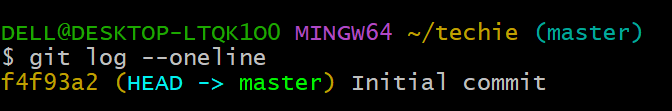
20) Check all the logs of git.

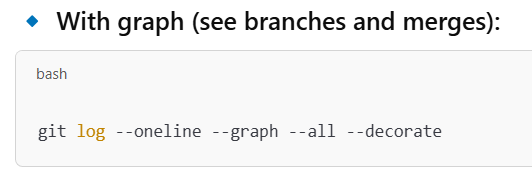


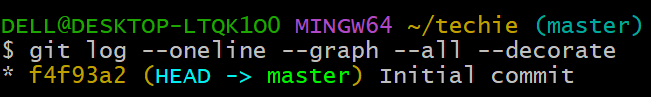






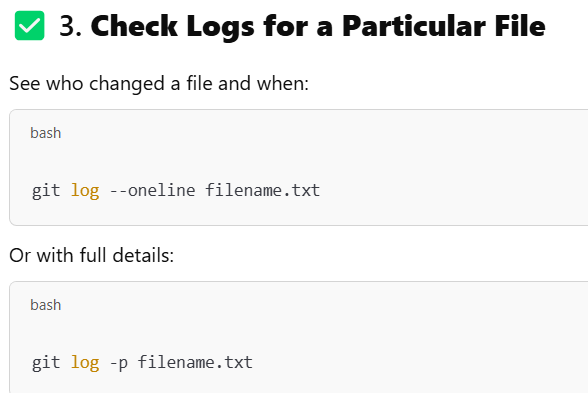


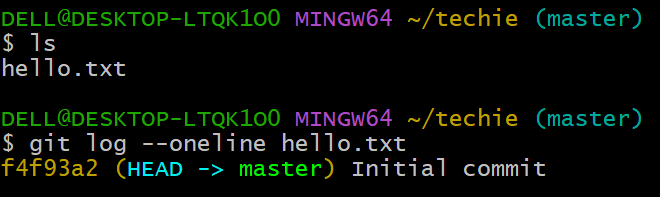


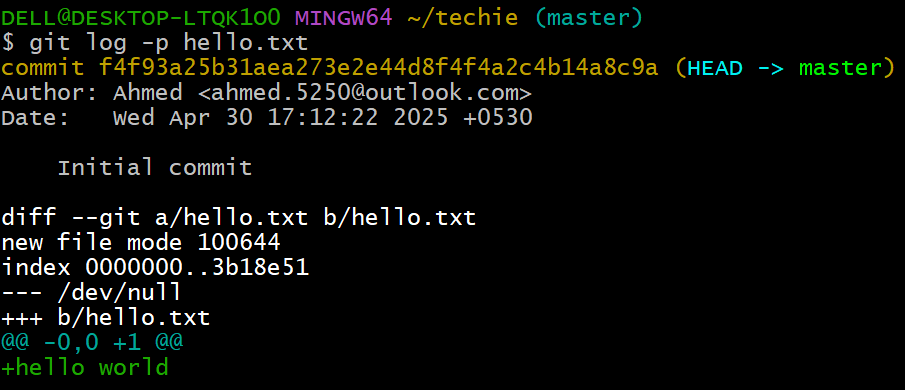


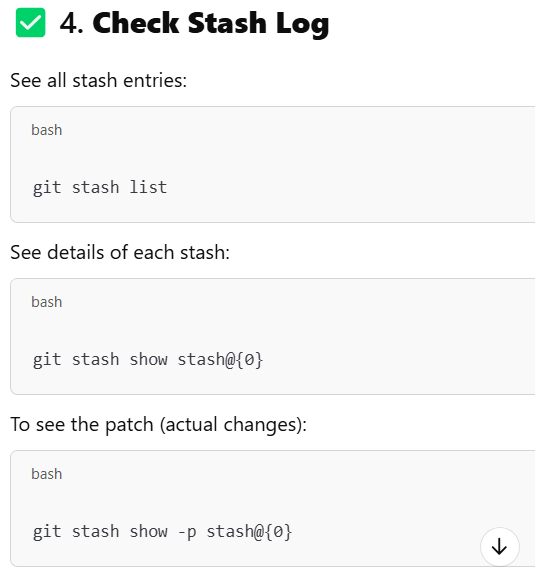


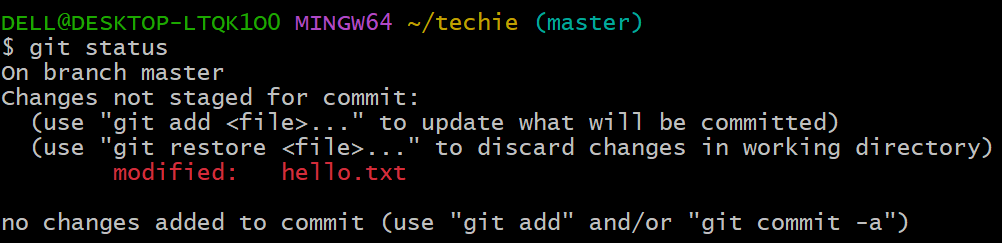


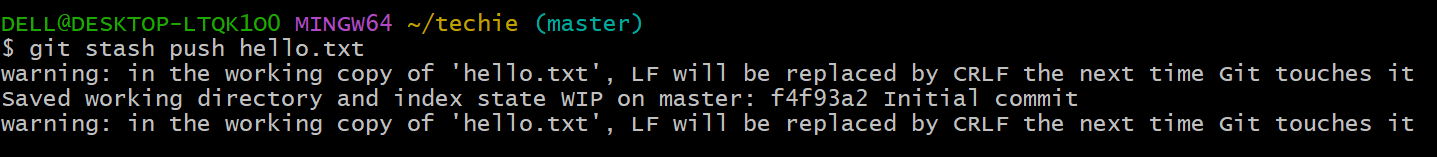


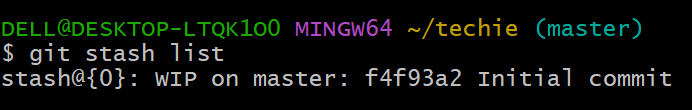


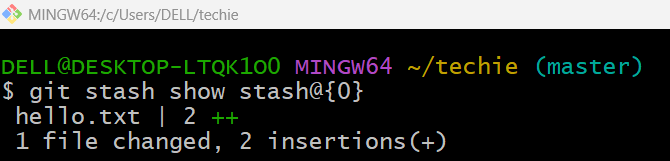


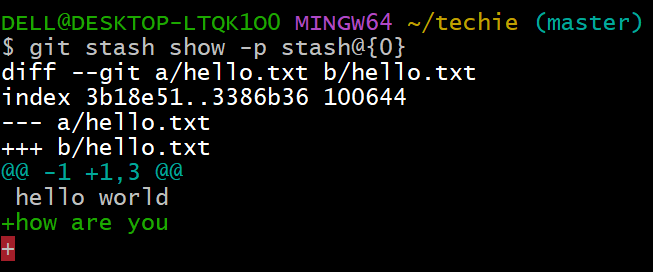


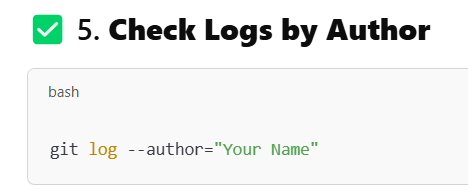


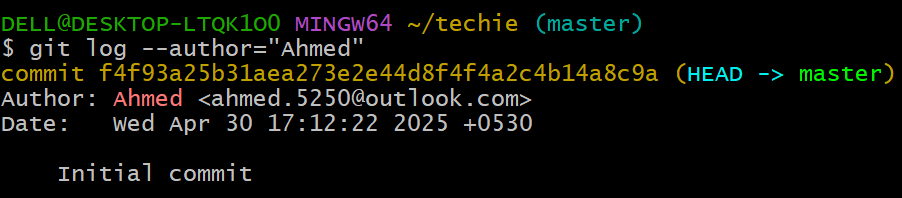


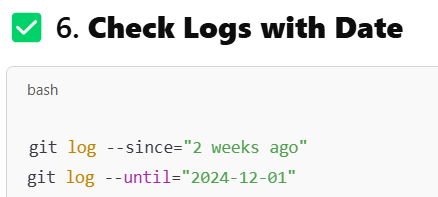


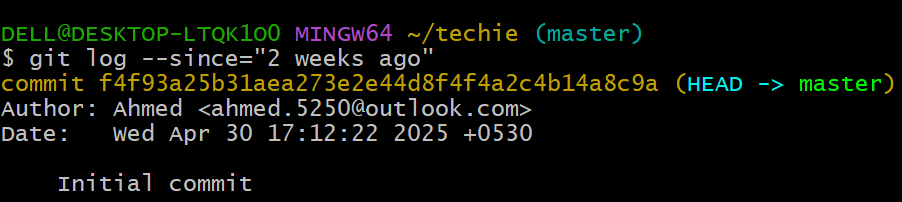




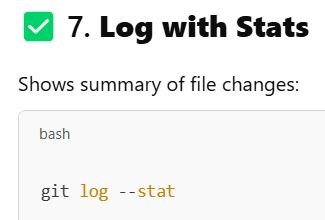


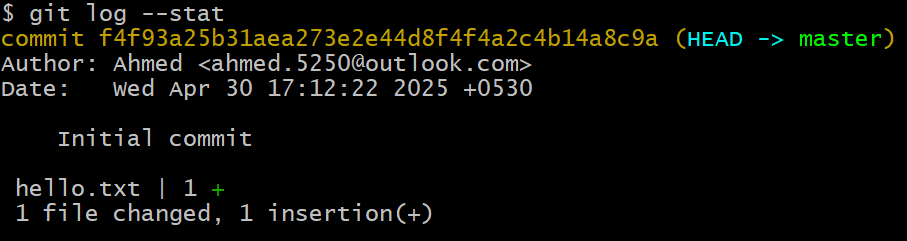






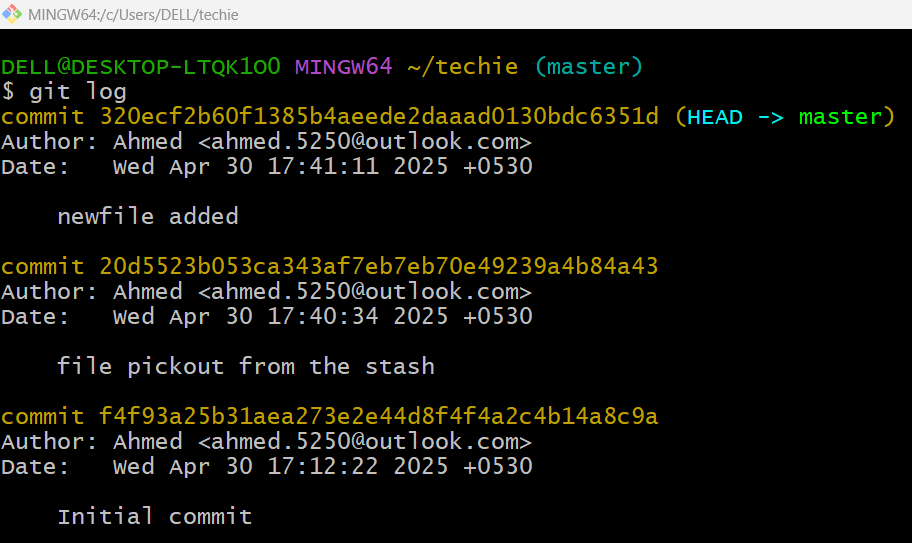


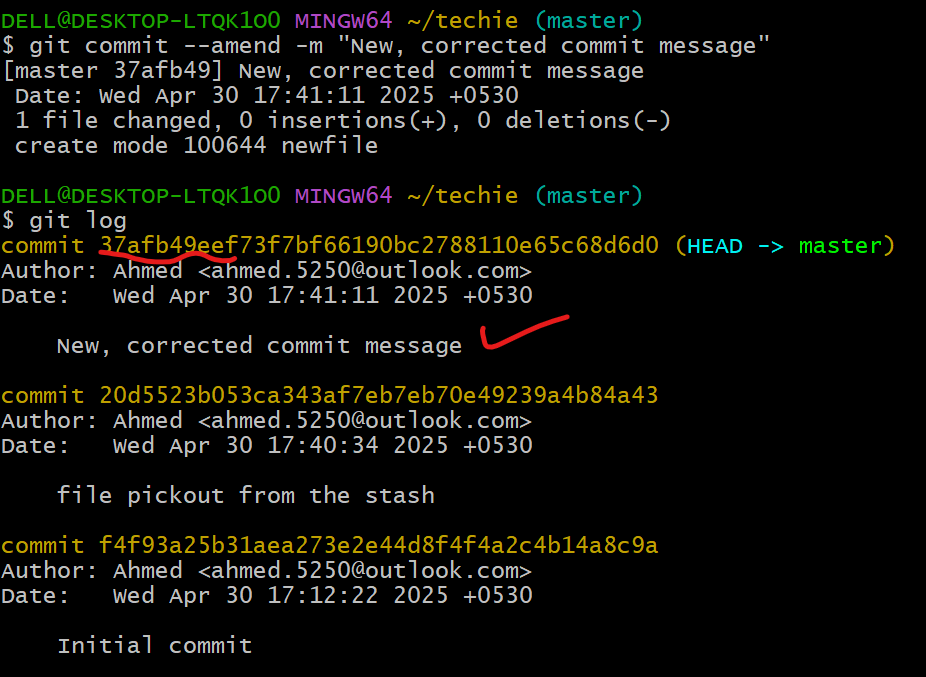


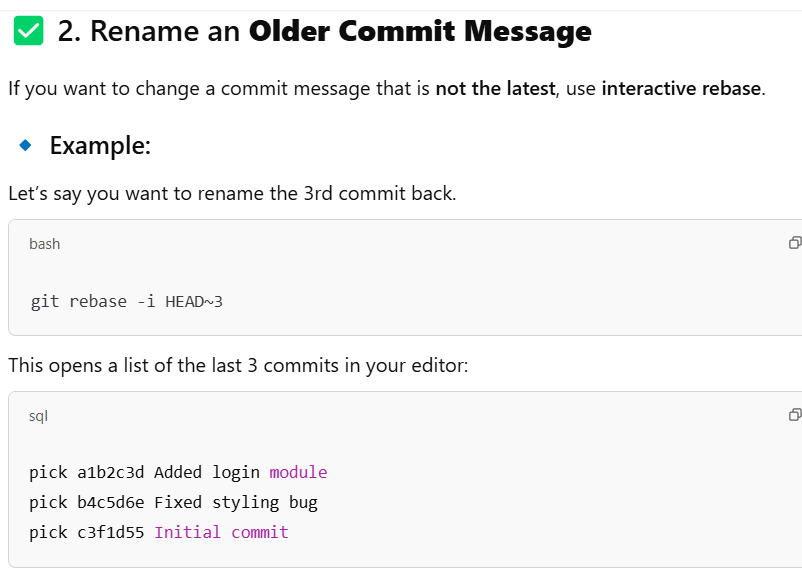


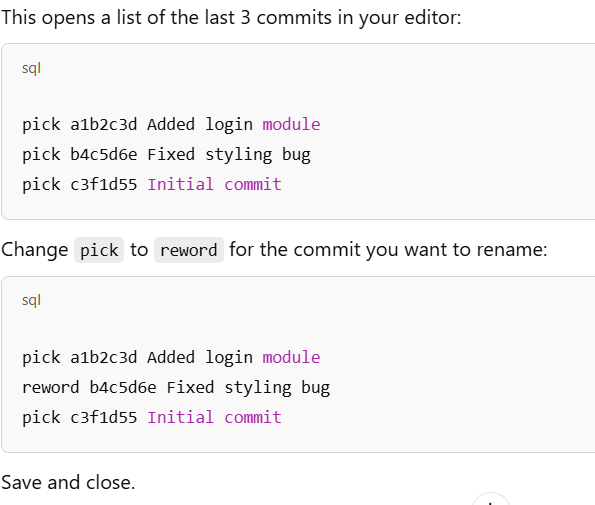
21) Rename the commit message.

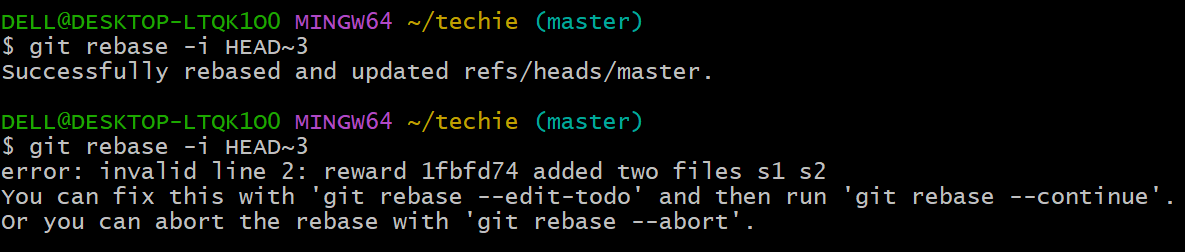


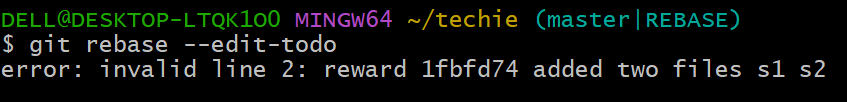






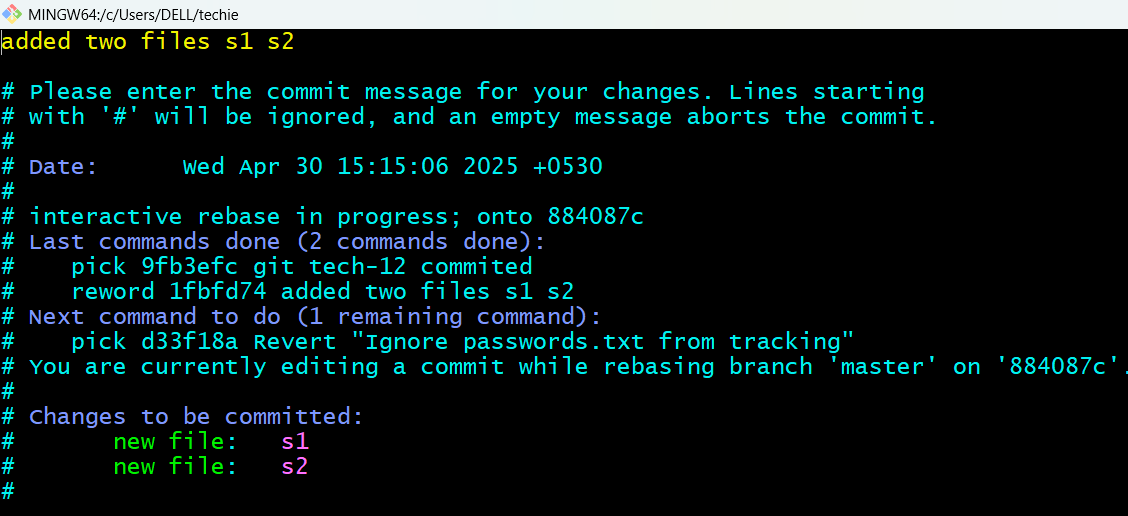


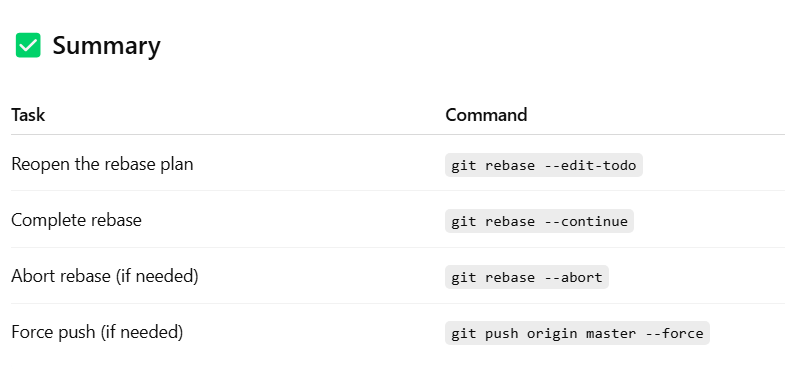


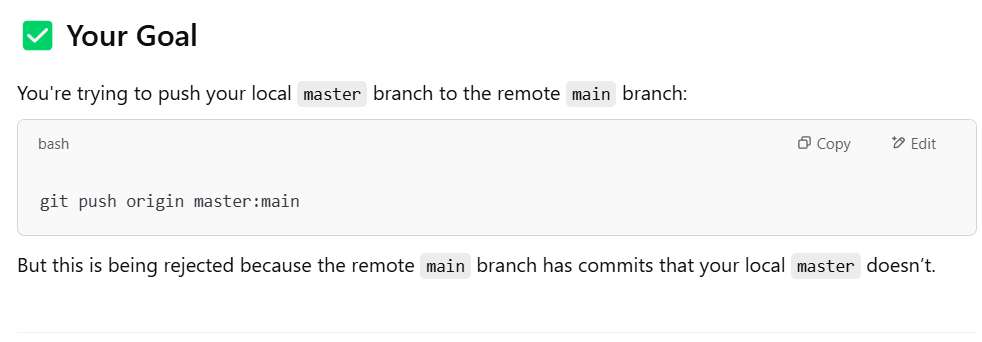


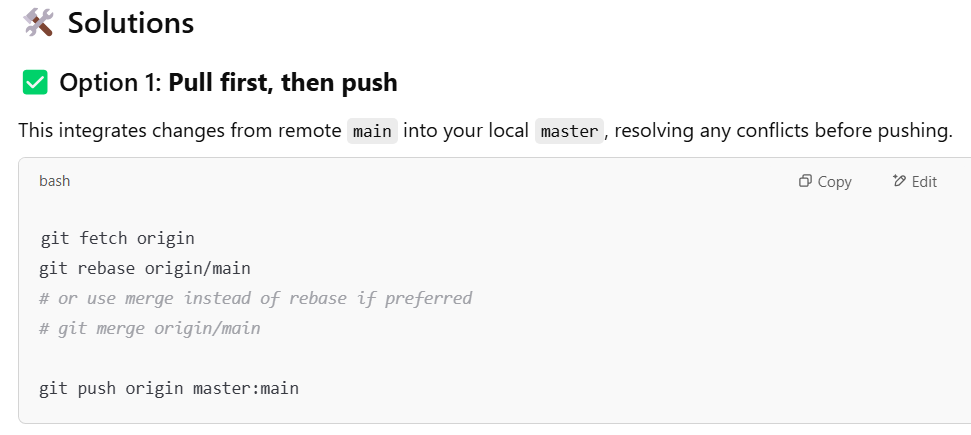


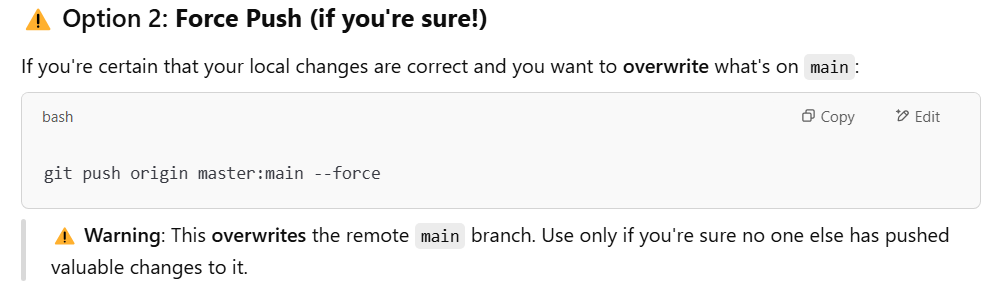




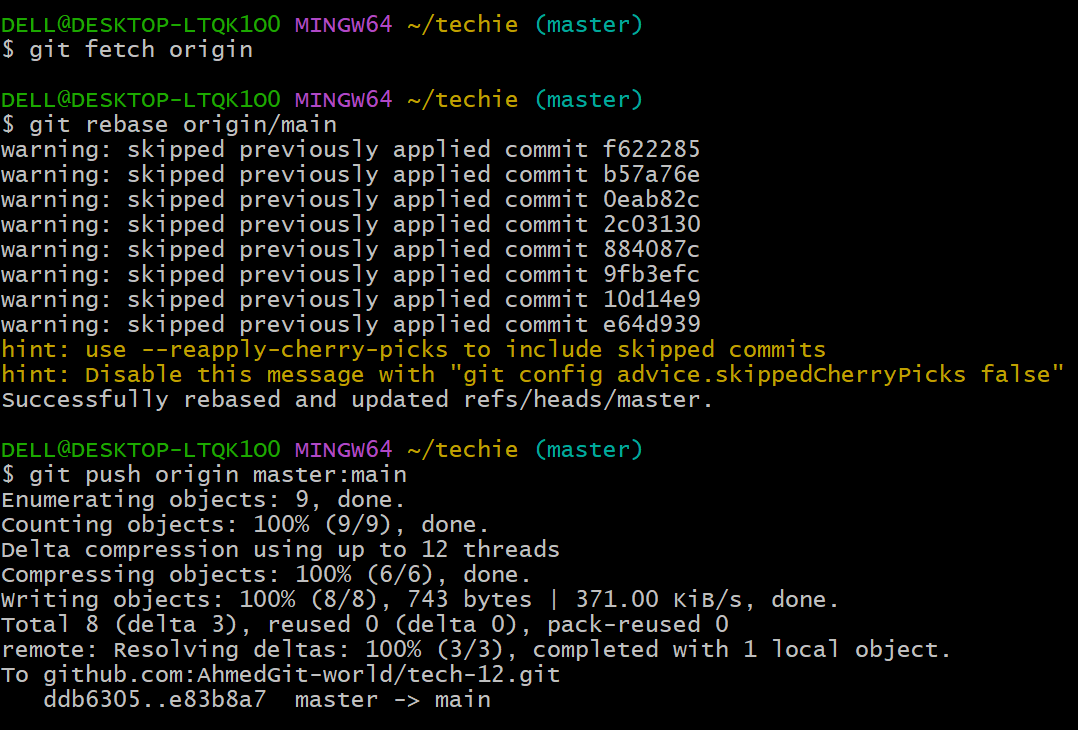












22) Merge multiple commits into single commit.

