Practical Task

* Initialize an empty Git repository on your local machine with the name “gitlocal” and make a README.md file that directory which should contain your name as a heading and a hello message (<http://www.makereadme.com/>).

Text

Description automatically generated

* Now check the status of your git directory and push all the files in that directory to your GitHub repo which you have made in the first step. With a message “First Commit to Git Repo”.

Text

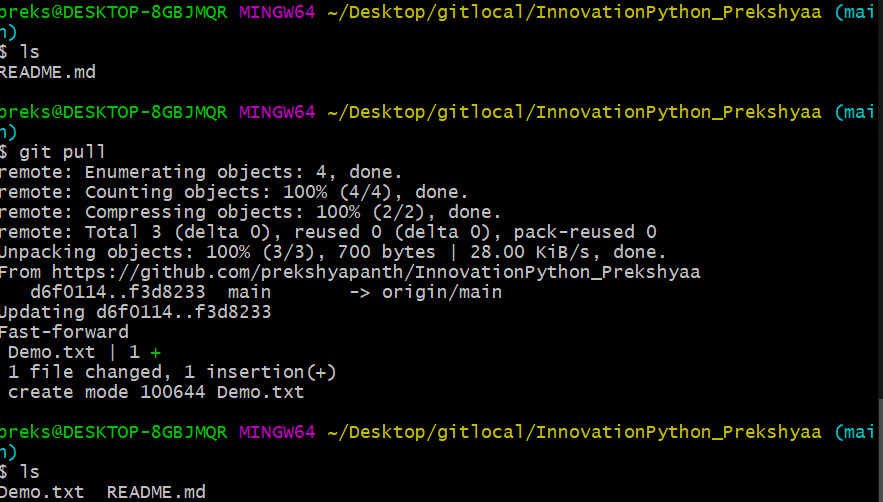
Description automatically generated

* Now add a file to your GitHub repo named “demo.txt” from the github console with content: “This is the demo file before modifications”.

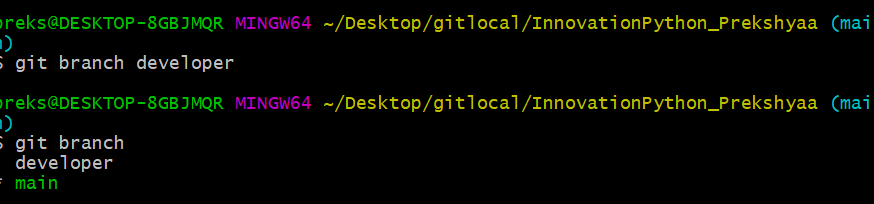
Graphical user interface, text, application, email

Description automatically generated

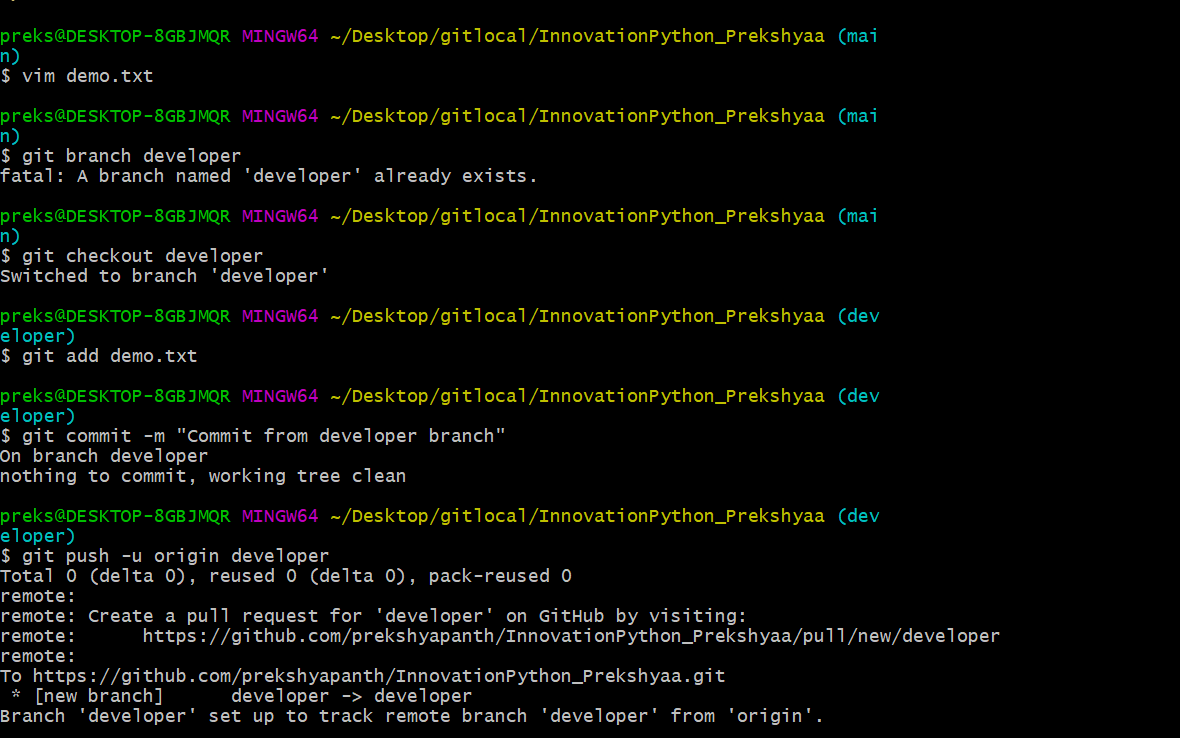
* Pull the changes in your git repo to your local machine git directory name “gitlocal” and check the status of the modifications done in that repo. This time demo should be visible to your local machine.



* Now make a new branch in your local machine with the name “developer”.



* Edit that demo file and write some content in that eg: “This is a demo file modification” and push the modifications to your GitHub repo from the developer branch with a commit message “Commit from developer branch”.



* Go to the GitHub console and generate a merge request to master branch after checking the modifications.

Graphical user interface, text, application, email

Description automatically generated

* After merging you could see the modified content in the demo file. Now revert back to the previous version from terminal.

Graphical user interface, application

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* After switching back to the previous version your demo file should have the content: This is a demo file before modification.

Graphical user interface, text, application

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* At the end delete the developer branch.

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