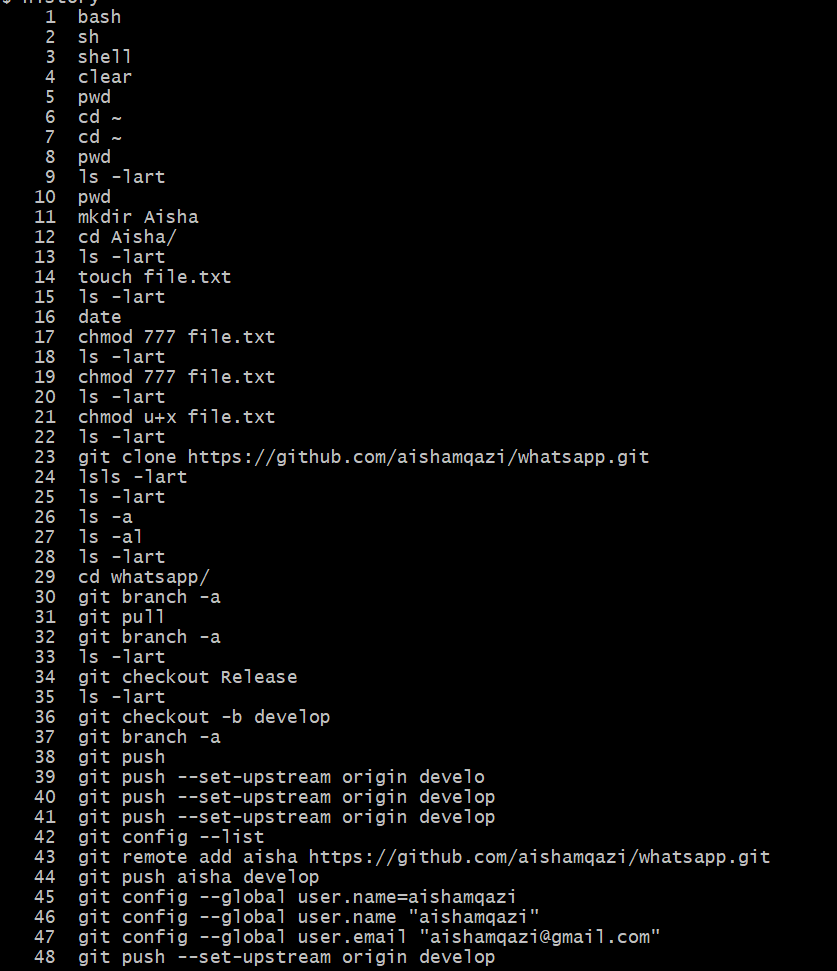
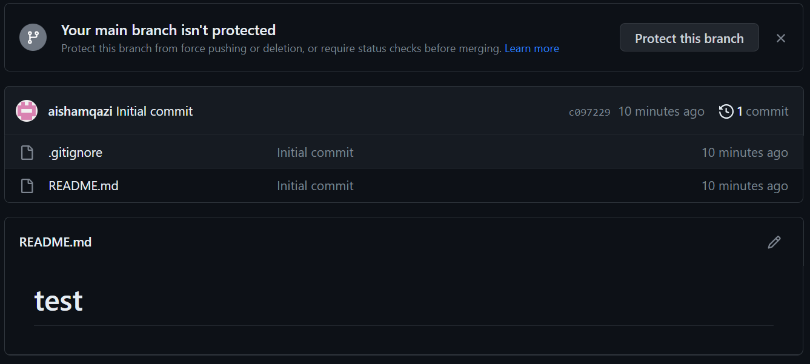
//to form connection in between git bash and online/remote git run the below commands:



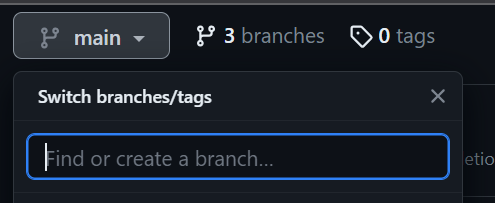
//In GitHub create a new REPO with name test

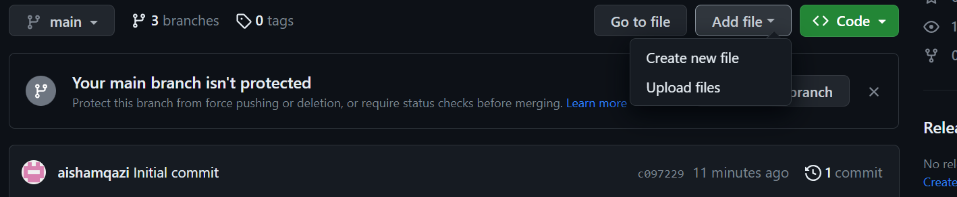
Add a readme.MD + gitignore (AL) file in it



//Create another branch with name release from main

Add a release.txt file from





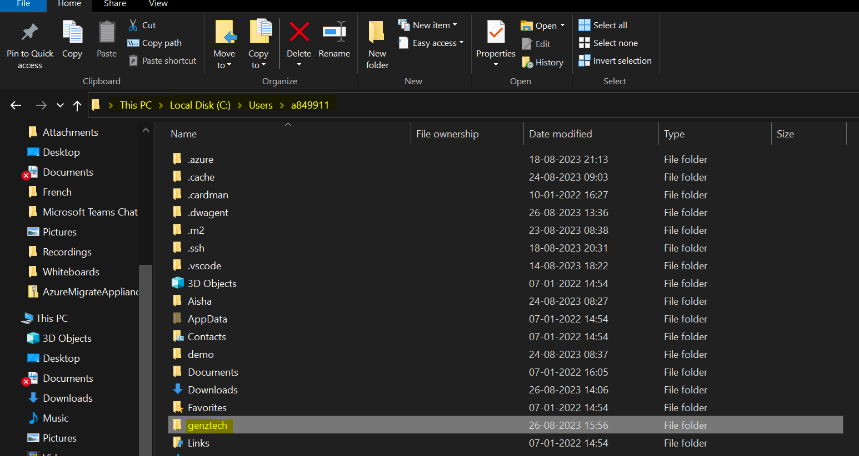
//Create another branch with name develop from main

Add a develop.txt file from

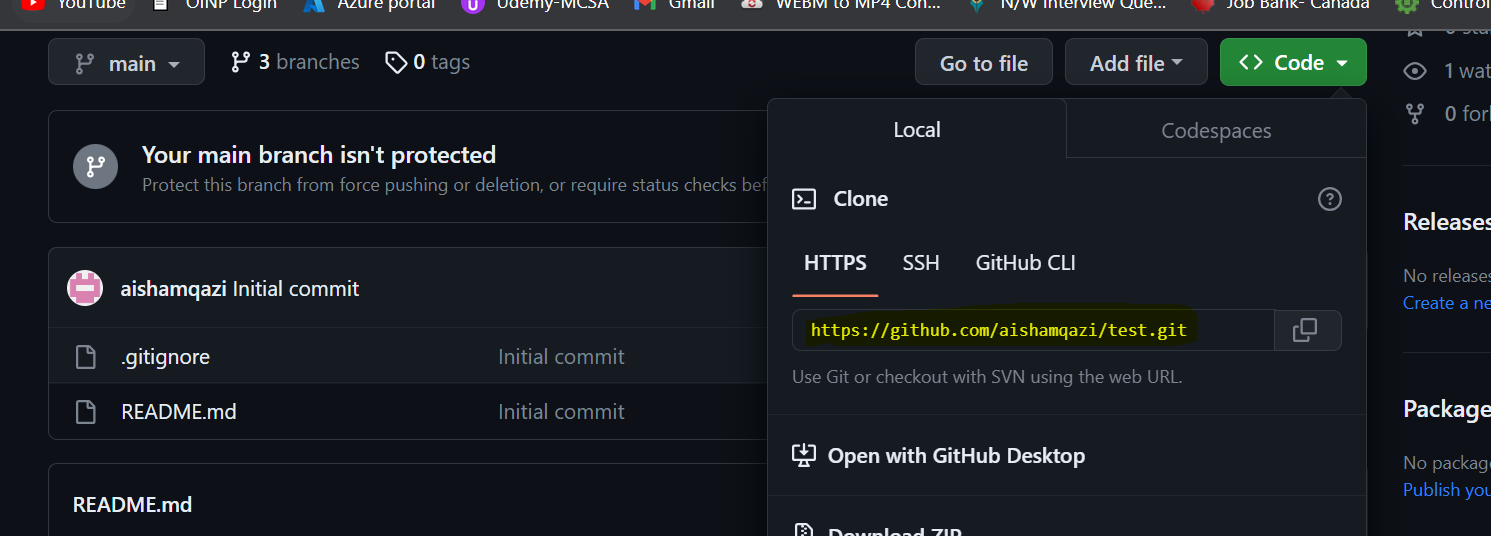
//Open Gitbash



You will have created a folder in present working directory as below:

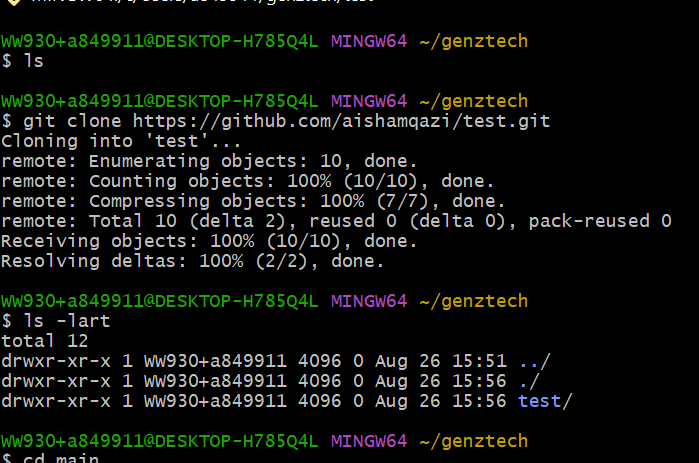


//Now clone the entire online repo to your local machine in the created folder:

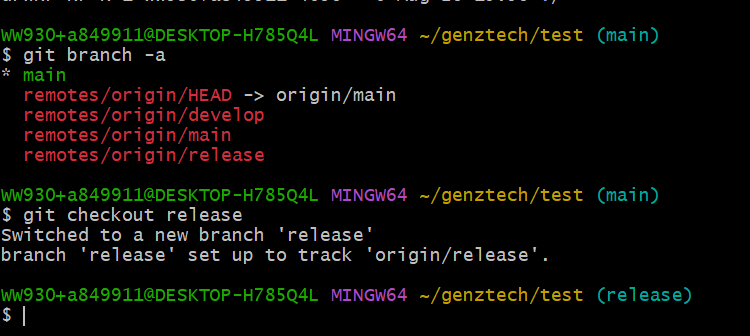


Use the below command in git bash:

Git clone <URL of HTTPS>



Git branch -a //list of all available branches in remote repo



Git checkout <branchname> //To switch to branch

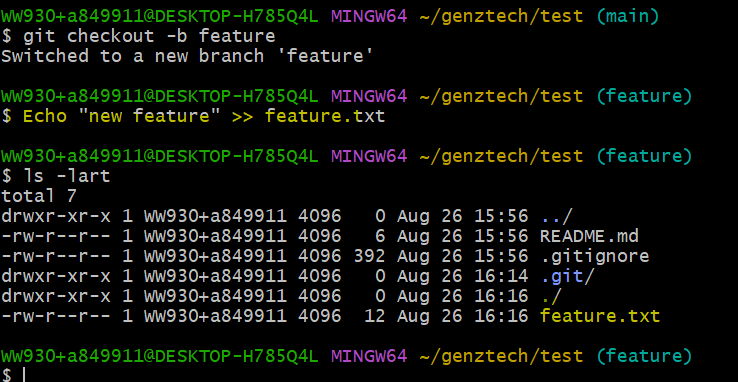
//to create a branch from main through gitbash: make sure you are in main branch

Git checkout -b feature //to create a new branch

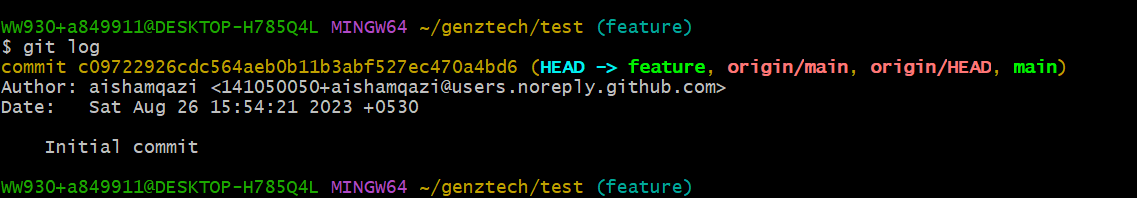


//to create a file in the branch in gitbash //we are using Unix commands;

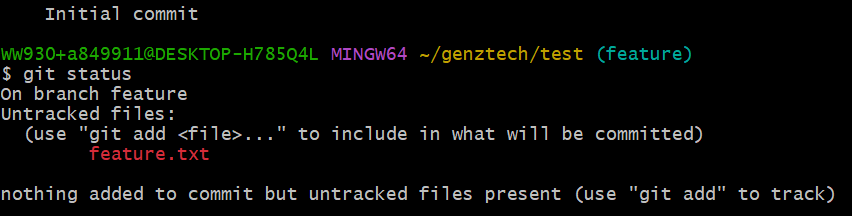
Echo "new feature" >> feature.txt



Git log //shows which all commit id's are in remote git



Git status //

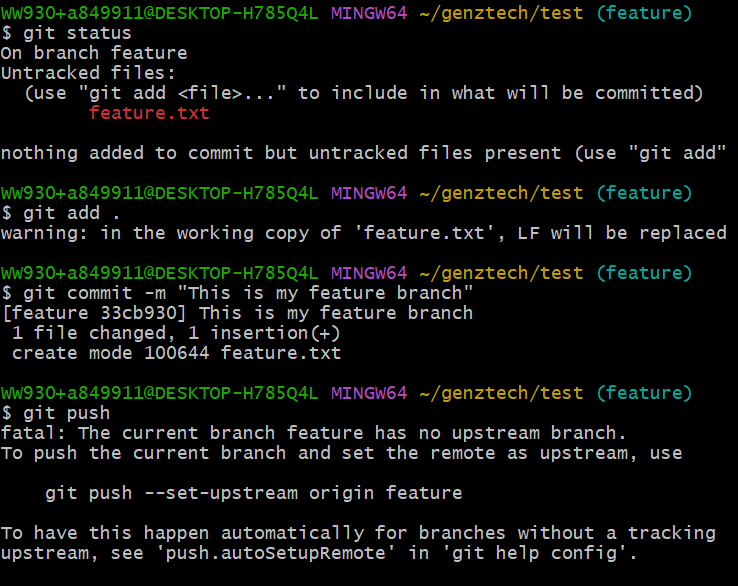


Git add .

Git commit -m "<any message>"

Git push

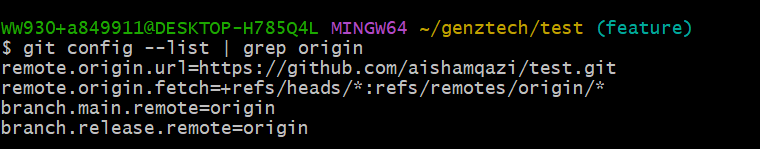
//Upstream is your remote repo

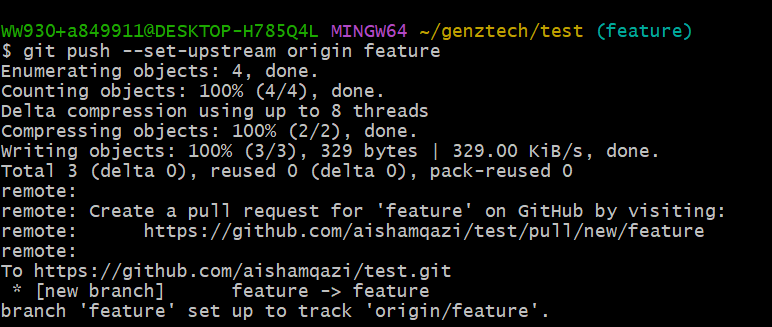


//it is asking to set the upstream to do the required pushes

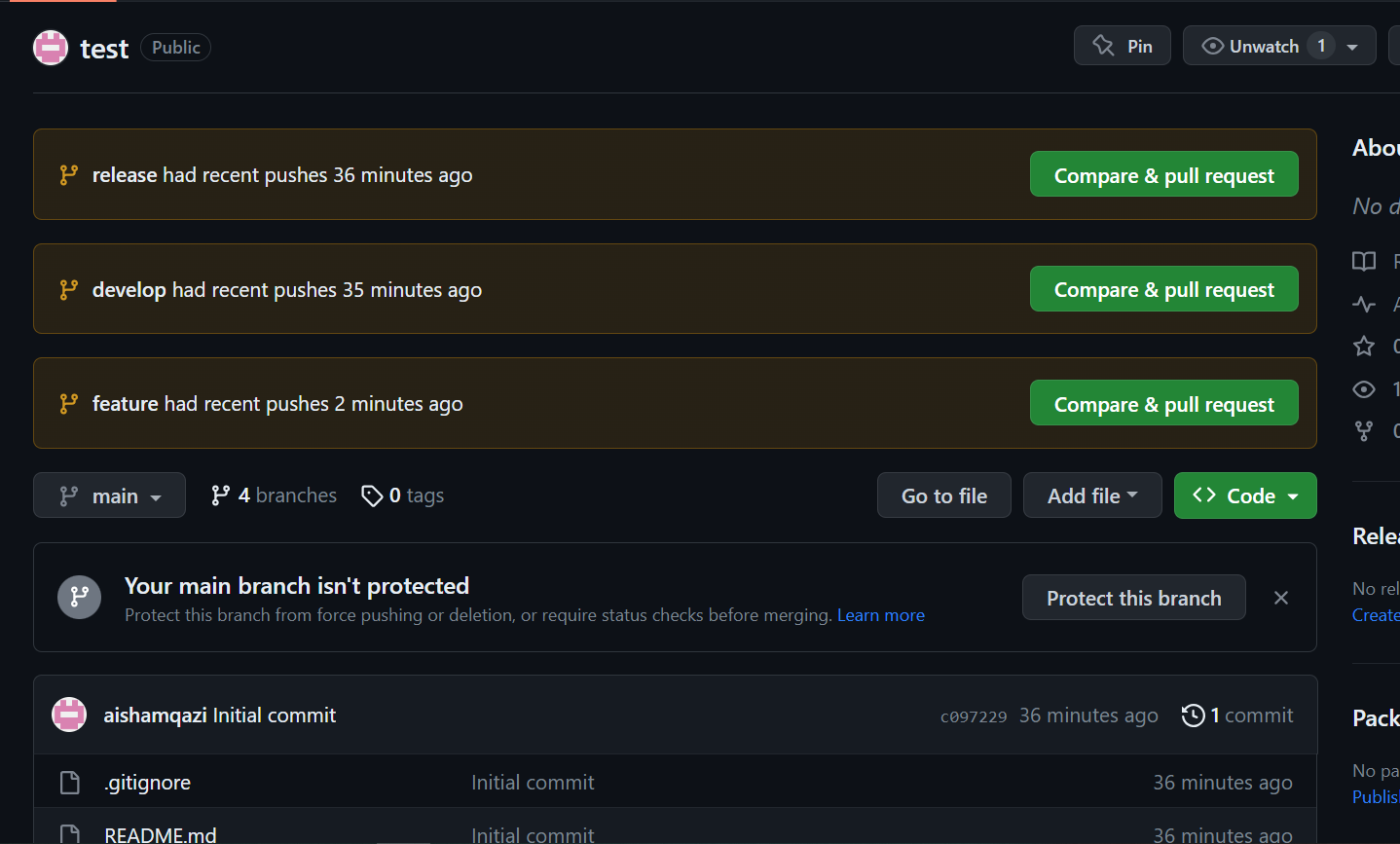
git config --list | grep origin

//the above command shows all configuration files and grep ( to search) origin is for searching origin from config





//upstream has all feature added



//touch is used to create an empty file in UNIX

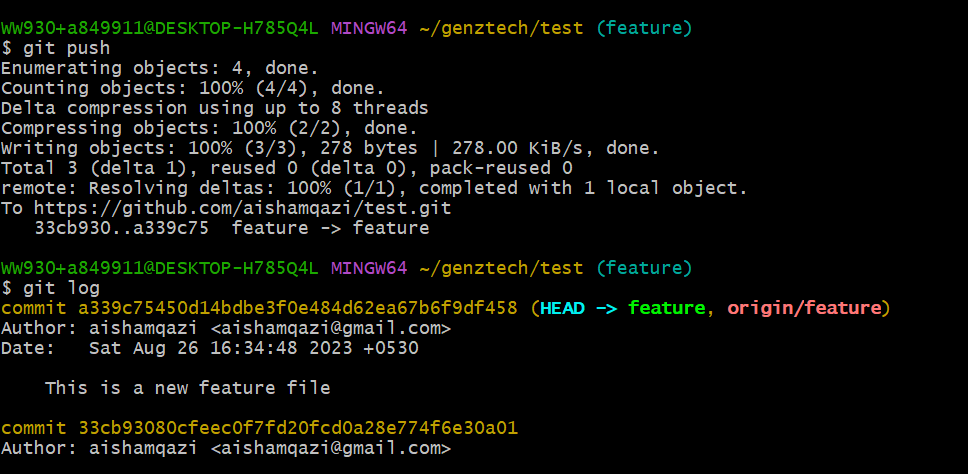
Touch feature1.txt

git add feature1.txt



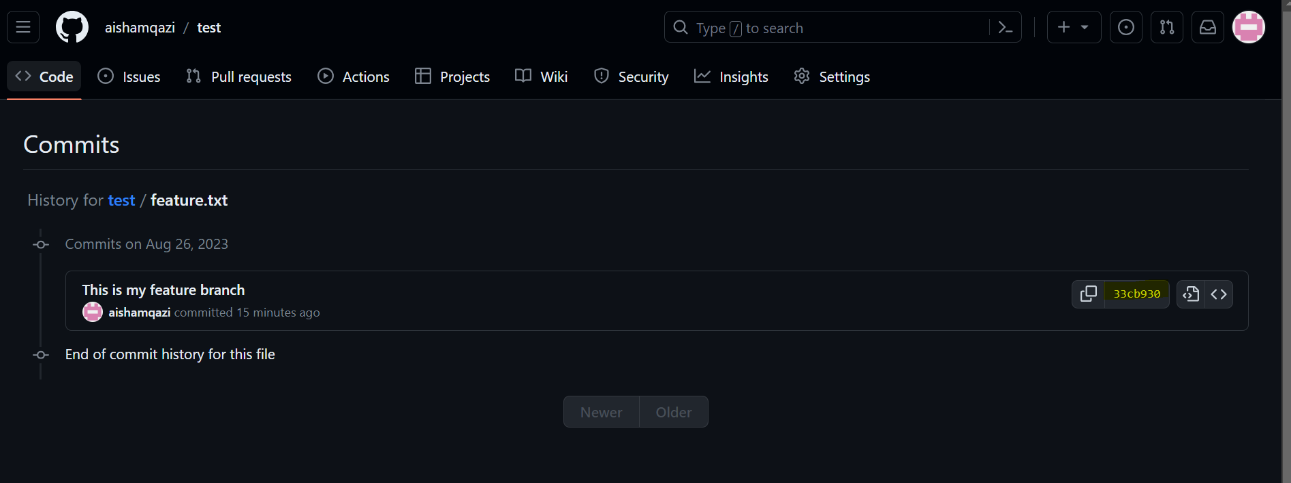
//pushing the same on remote repo

Git log //whatever commits done on log will be shown:

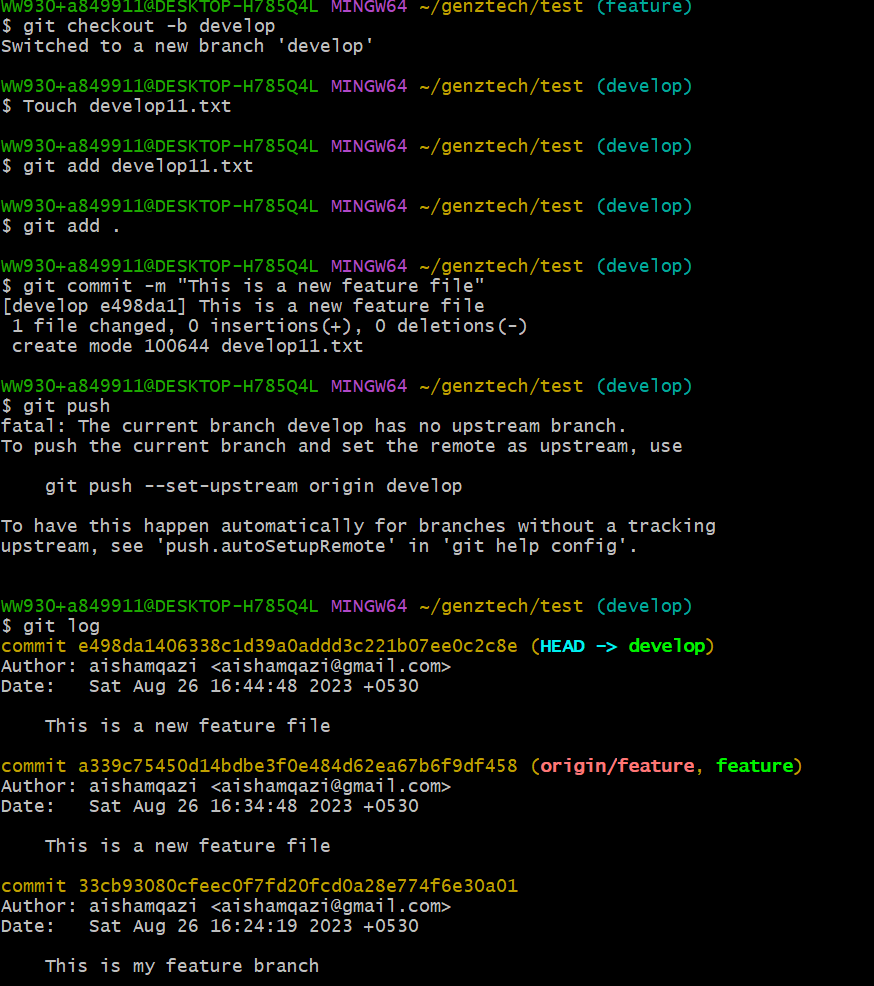


//the one which followed by commit is a SHA ID which is a commit ID

//to check the commit ID on remote repo: Go to File>History>commit ID as in SS below:



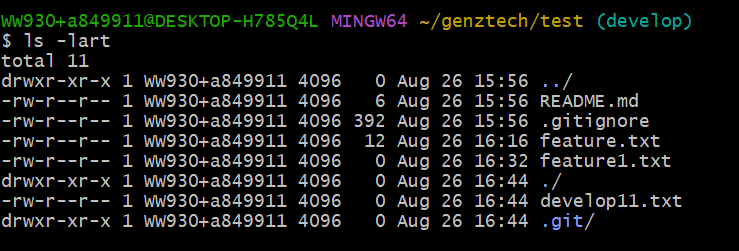
//Repeat the steps of creating file in a different branch as below:



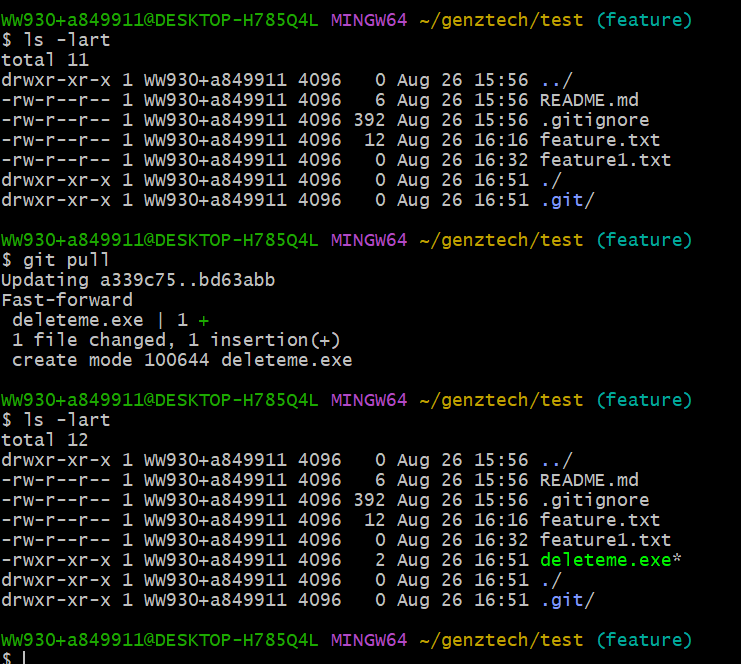
//if created a file in Git remote in feature branch as deleteme.exe



The above is not visible in local repo:

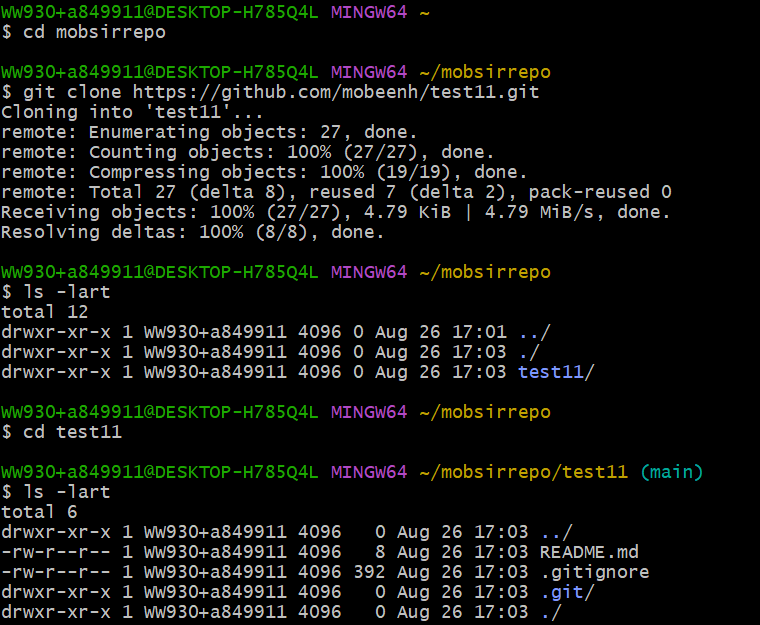


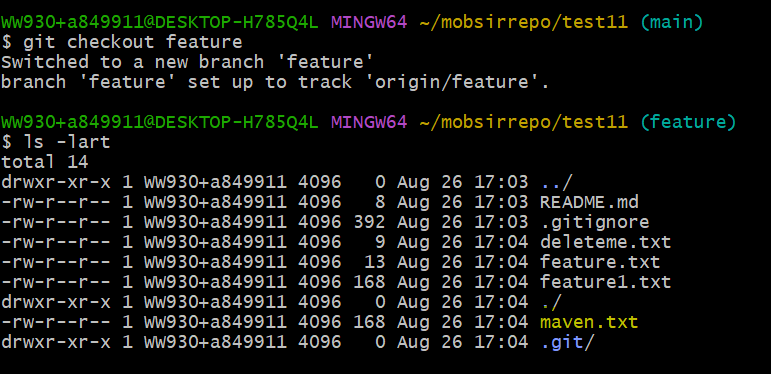
To pull the data from our online repo to our local repo we use the command: Git pull



<https://github.com/mobeenh/test11.git>

//need to get a file in your local repo from above:



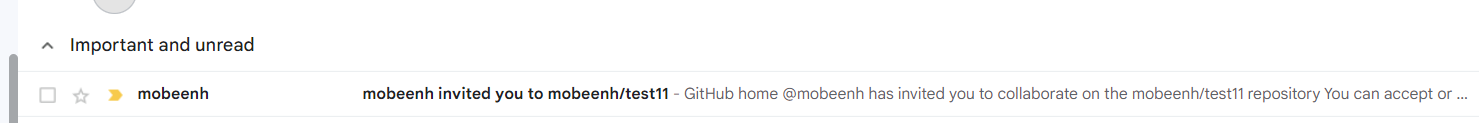


//Now create a file and push to Sir's repo:



//Asked Sir to add me as a collaborator

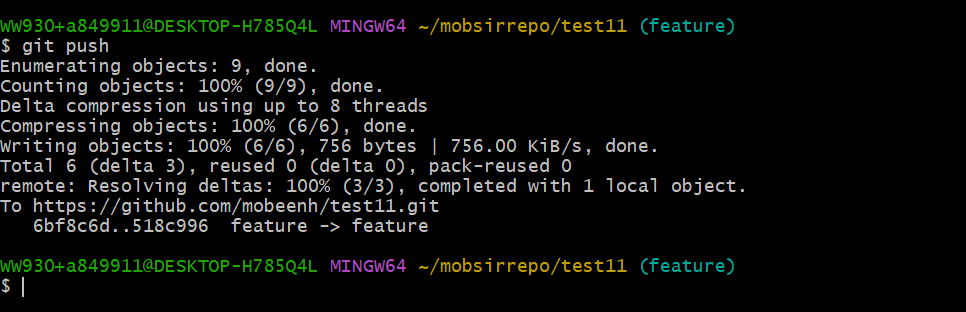
Accept the invitation from your gmail:



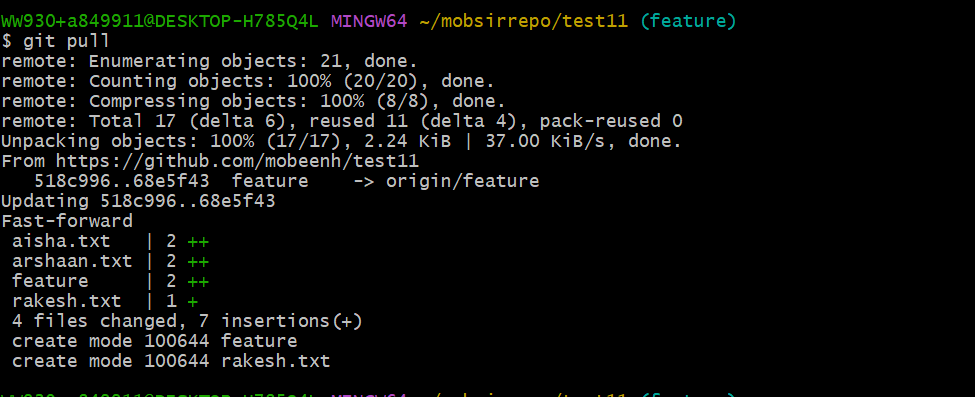
Once accepted push again but fails with below error:



The above error occurs because there are changes and editions in repo. Hence run a git pull first and rerun a git push:



//to check if any changes made by Sir run a git pull again:



Who has done changes will reflect too on git online portal to the owner and collaborator

The owner can edit permissions as well