Git Hub Steps

shivanisharma7397 python31 repository token

ghp\_LU4l0Namzup9wTsQ9UUvZyEzK8V31E0zVYmW

shivanisharma7397 python31 repository url

https://github.com/shivanisharma7397/python31.git

1. install gitbash
2. create new folder at the desktop eg: git test
3. open git test folder
4. right click and open git bash here
5. git init command to create .git folder (initially it is hidden , go in views and check hidden files)
6. go to your github profile🡪open repository🡪copy code in https (path of the repository)
7. Configure your username and email (use your github username and email )
   * 1. git config --global user.name "username"
     2. git config --global user.email "email"
8. git clone “path of the repository”🡪 (url of the repository) for copying all files from remote repo to local repo
9. create some files in local repository at python31 folder
10. git status
11. cd python31/ 🡪 python is the name of the repository created in local repository after cloning from remote repo , it will also change your branch to main from master
12. ls 🡪 to see files in the repository inside python folder
13. Git status🡪 it will show the files that you newly created, these are untracked files
14. git add . 🡪 to add all untracked files to staging area
15. git add -a 🡪 to add all untracked files at staging area
16. git add file\_name,file\_name,… 🡪 to add selected files at stagging area
17. git commit -m “your relevant message here” 🡪 for adding files to local repository
18. git push origin head 🡪it will ask for token (or git push -u origin main)
19. if error occur like this 🡪 remote permission to roshni123/python31.git denied to shivanisharma7397.
    1. Configure your username and email (use your github username and email )
       1. git config --global user.name "username"
       2. git config --global user.email "email"
       3. git config --list 🡪 to see git user list
       4. git config user.name 🡪 to check which user name is set already
       5. git config user.email 🡪 to check which email is set already
    2. open credential manager from windows search menu
       1. click on windows credentials
       2. remove your credentials of git if it already exists
20. after git push -u origin head a pop up will generate and it will ask for token
21. First generate personal access token
    1. Go to remote repository
    2. Click on settings
    3. Go to Developer settings
    4. Click on personal access tokens
    5. Click on generate new token
    6. select all scopes (for practice purpose you can also deny some scopes at real time)
    7. copy personal access token and paste it to the pop up generated
22. go to remote repository and refresh it to see all files you pushed
23. To add collaborators (can access your repository )
    1. Go to settings (after insights option)
    2. Click on collaborators in the left corner
    3. A pop-up will generate 🡪 write username of people you want to add
    4. An invite will be sent to person added via email (check your email)

**Create new Branch**

1. **git branch <branch name> /e.g. test 🡪 to create branch**
2. **git checkout test 🡪 switch from main branch to develop branch**
3. **touch <file name> 🡪 to create an empty file in linux**
4. **git push origin test**
5. **to merge test branch to main branch**
   1. **switch to main branch 🡪 git checkout main**
   2. **git merge test**
   3. **git push origin main**
   4. **git ignore <file name> 🡪 ignore files that we do not want to merge to main branch**

**RESET :- to move file from local directory to staging area and working area**

1. **git reset --soft HEAD~1 🡪 revert change from local repo to stagging area**
2. **git reset 🡪 revert change from stagging area to working area**
3. **git reset --hard HEAD~1 🡪 revert change from local repo to working area**
4. **git log 🡪 to check commit status**

**note :- first commit your changes then pull and then you can push your changes**