Setting up Github:

1. Signup in github and create an account in remote repository.
2. Then create a repository with any name (<https://github.com/nikhilibank99/NikhilAuto>)
3. A remote URL repository will be generated.
4. Install git in your machine

Set environment path: under user variables

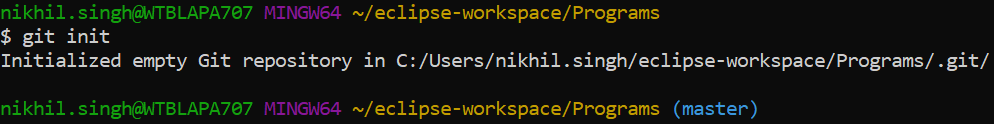
Variable name **PATH**: C:\Program Files\Git

Click ok and ok.

1. Whichever project folder you want to push to github, Open git bash from that path (C:\Users\nikhil.singh\eclipse-workspace\Programs). Getting the path from project folder ->show in-> system explorer



1. The do git init -> to initialize to local repository

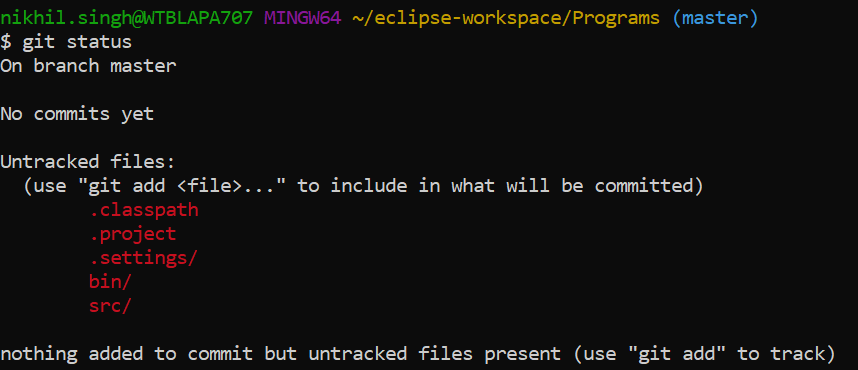


1. git remote add origin URL->

It will connect local repository to remote repository.



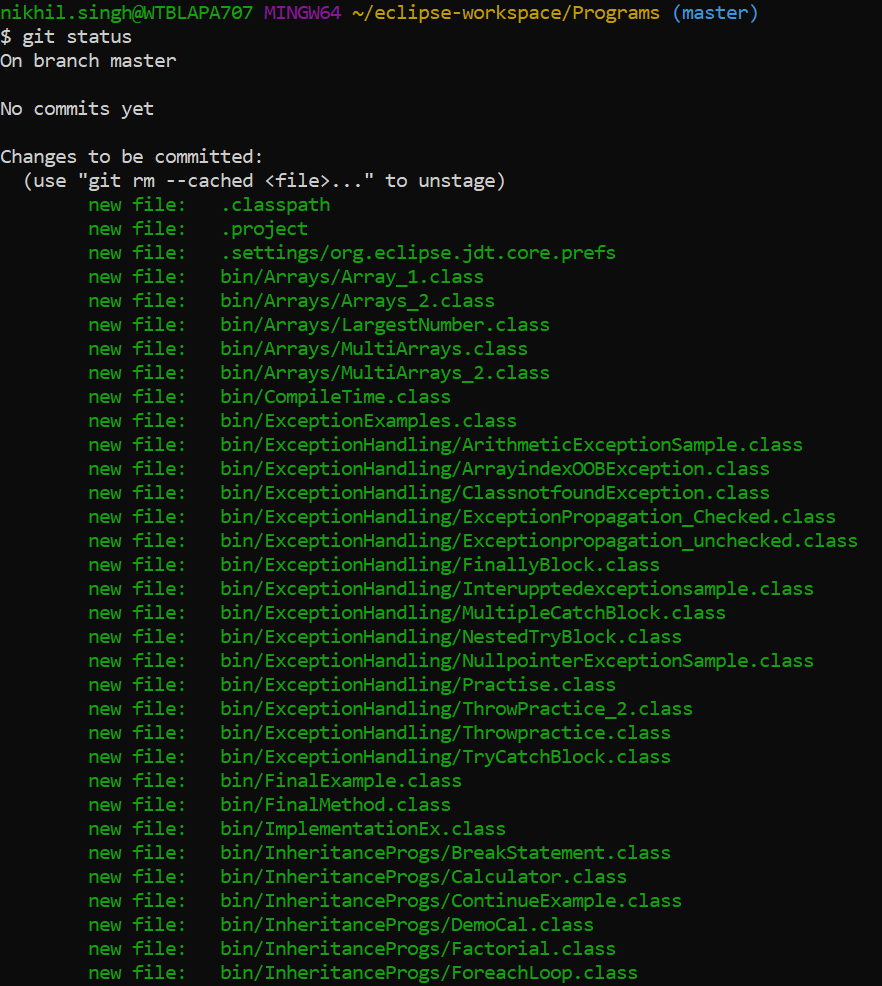
1. git status-> to check the untracked number of files. It will show in red color until committed.

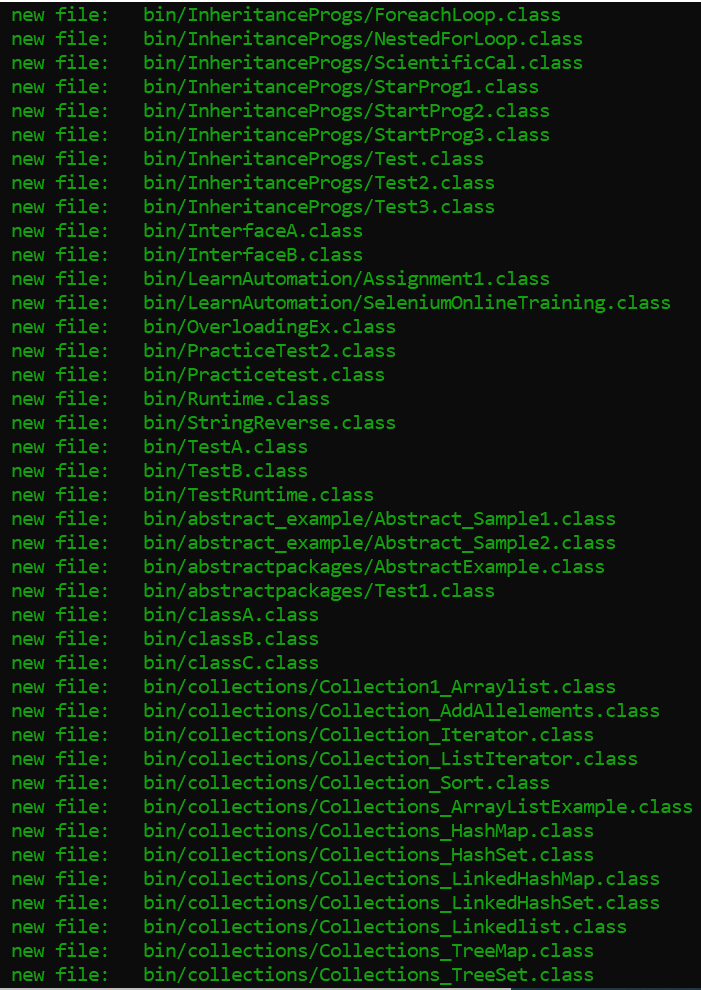


1. git add . -> it will add the files to the staging area. Staging area means a invisible repo between local and remote.

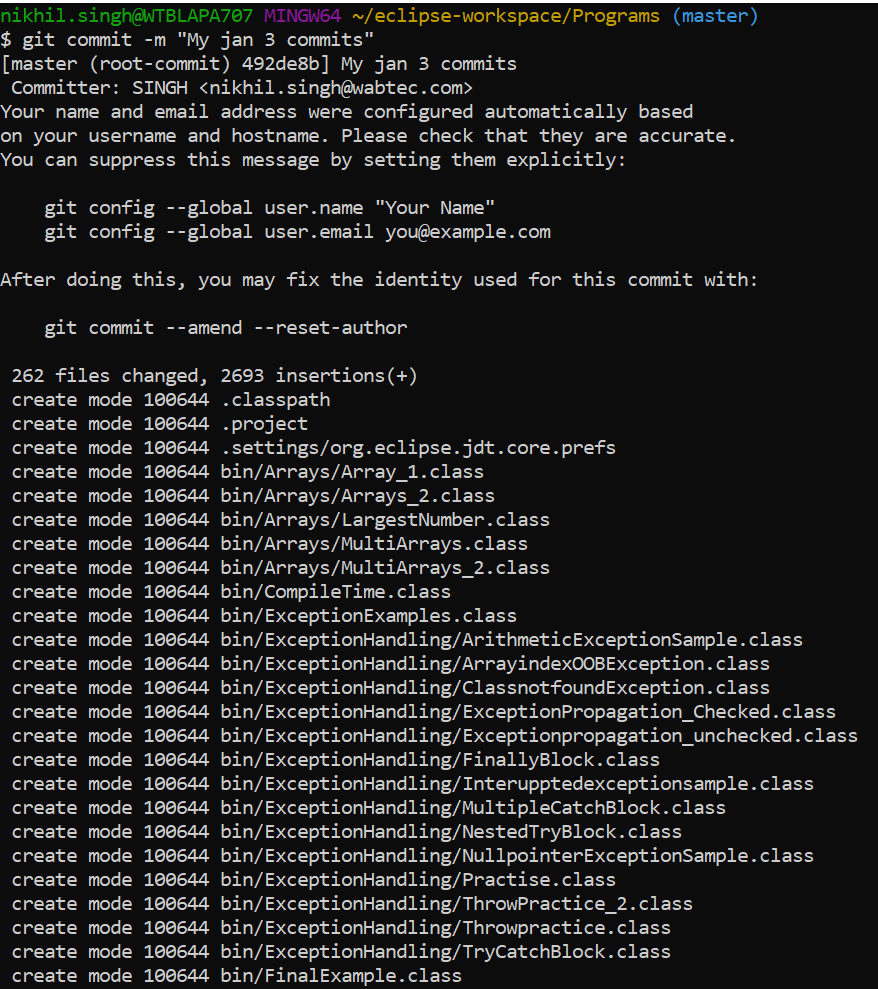


1. now if we do, git status , it shows in green color. Unmodified files are tracked now means they are ready to commit.



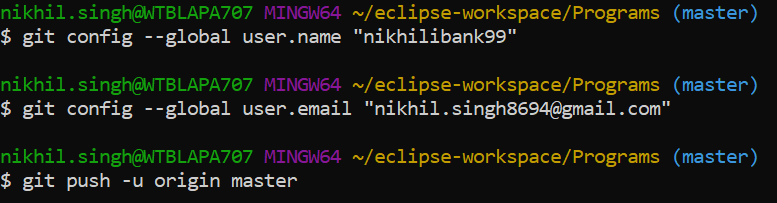


1. now do git commit -m “message”

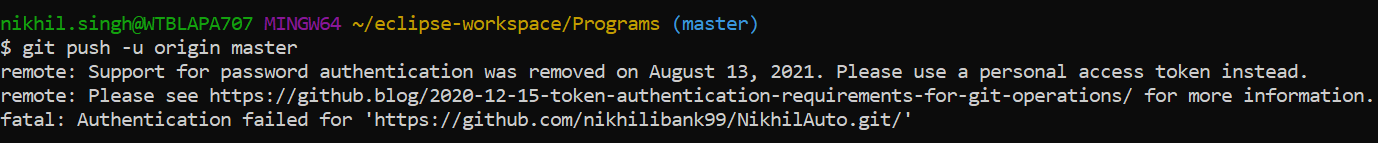


Below command is one time required to commit and push (step 12 & 13). This should be remote repo username and email id.

1. git config --global user.name "nikhilibank99”
2. git config --global user.email [nikhil.singh8694@gmail.com](mailto:nikhil.singh8694@gmail.com)
3. git push -u origin master -> this will ask for username and password.

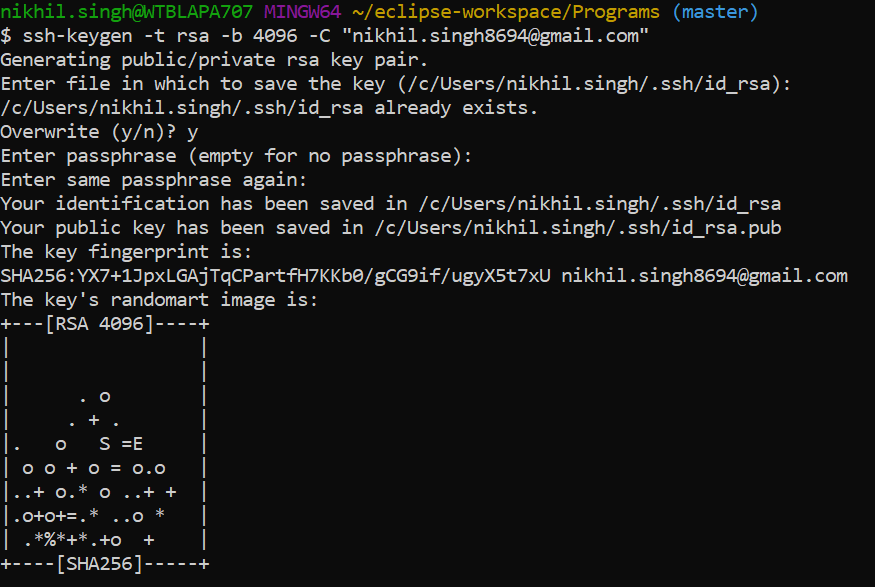


It gives error as below.

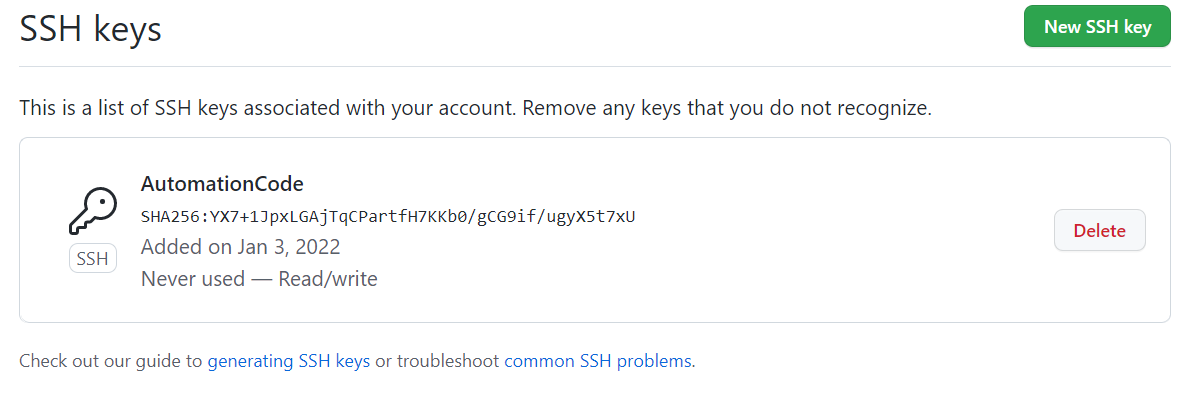


Username was already created. For password we need to create the public ssh key with below command.

1. ssh-keygen -t rsa -b 4096 -C [nikhil.singh8694@gmail.com](mailto:nikhil.singh8694@gmail.com)



1. got to above path and open the id\_rsa.pub file. copy the complete alphanumeric values (key).
2. In the browser under your profile click on settings -> in LHS click on SSH and GPS Keys.
3. Click on new SSH key, give any title, and paste the key here in the box. Click on add SSH key.



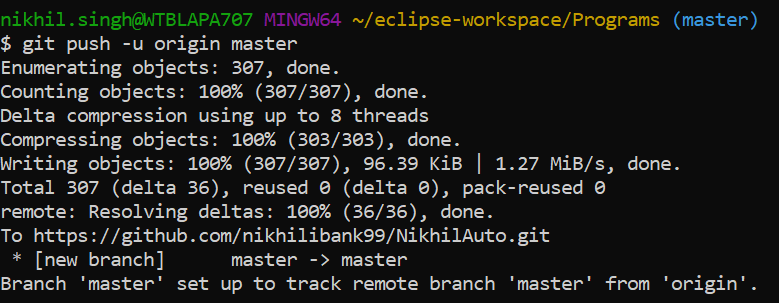
1. Click on developer settings in LHS. Click on Personal Access tokens. Generate New token.

Give a note, Expiration period, select the scopes required. (repo). Click on generate token.

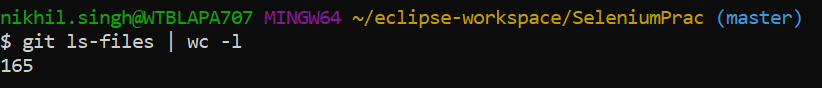
A token will be generated. save it. (Steps a-e is one time job)

1. In git bash:

git push -u origin <branch name> -> it will push the code to remote repo.



1. To verify the files were transferred navigate to github in browser. -> click on your icon > your repositories > click on repository > check the time.
2. Also in gitbash type git ls-files | wc -l



1. If we want to upload a user created (nikkkk.txt) file in remote (browser). I will navigate the project folder and click upload file.

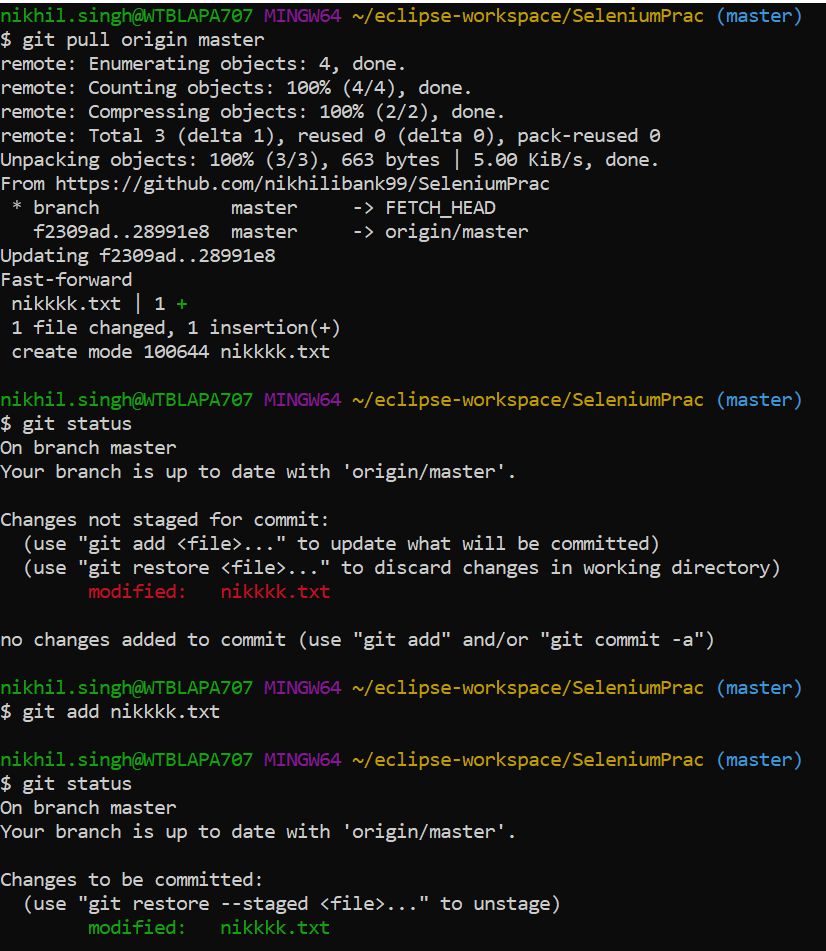


1. Now I want to see the file in my local.

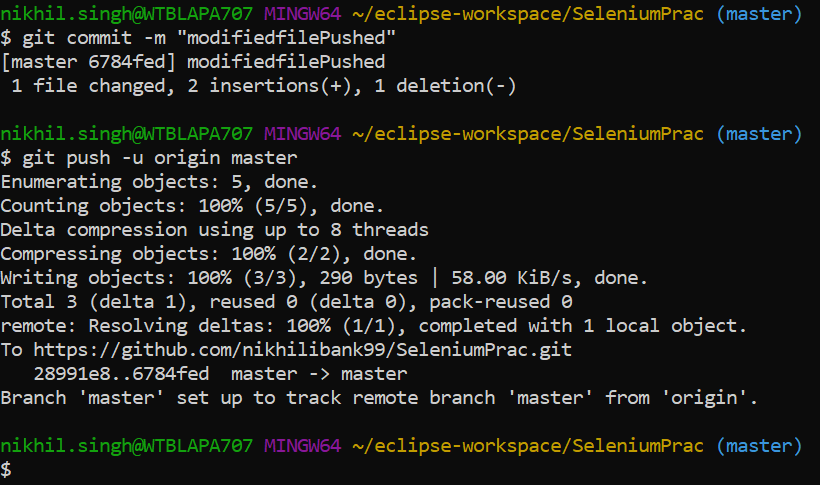
git pull origin <branch\_name>



1. Then I will modify in my local. Then I will do git status , it will show red in color as it is modified.
2. Then I will do git add <filename>
3. Then git status will show green color.



1. Then we will do commit and the push



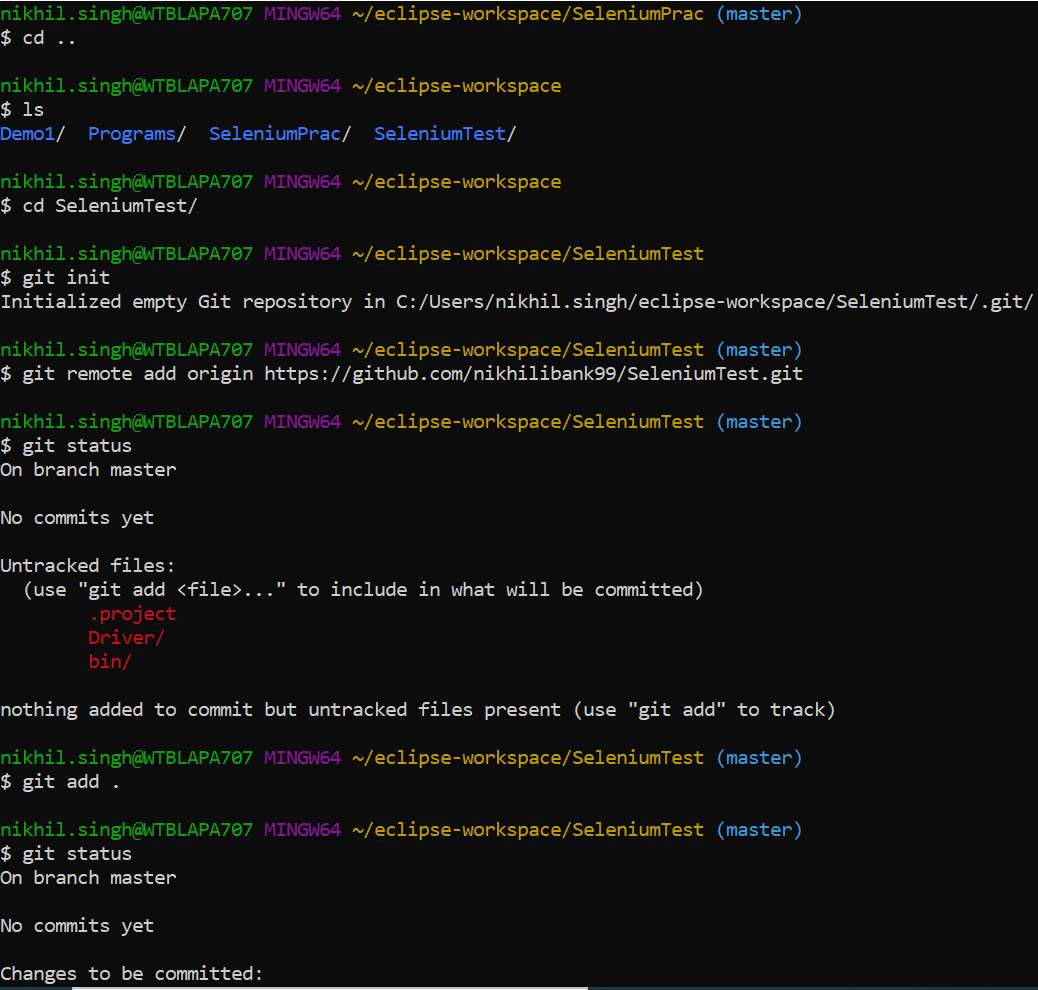
Then we can verify in remote repo in browser by refreshing the page. This can be verified by seeing the message we pass when we commit and time.

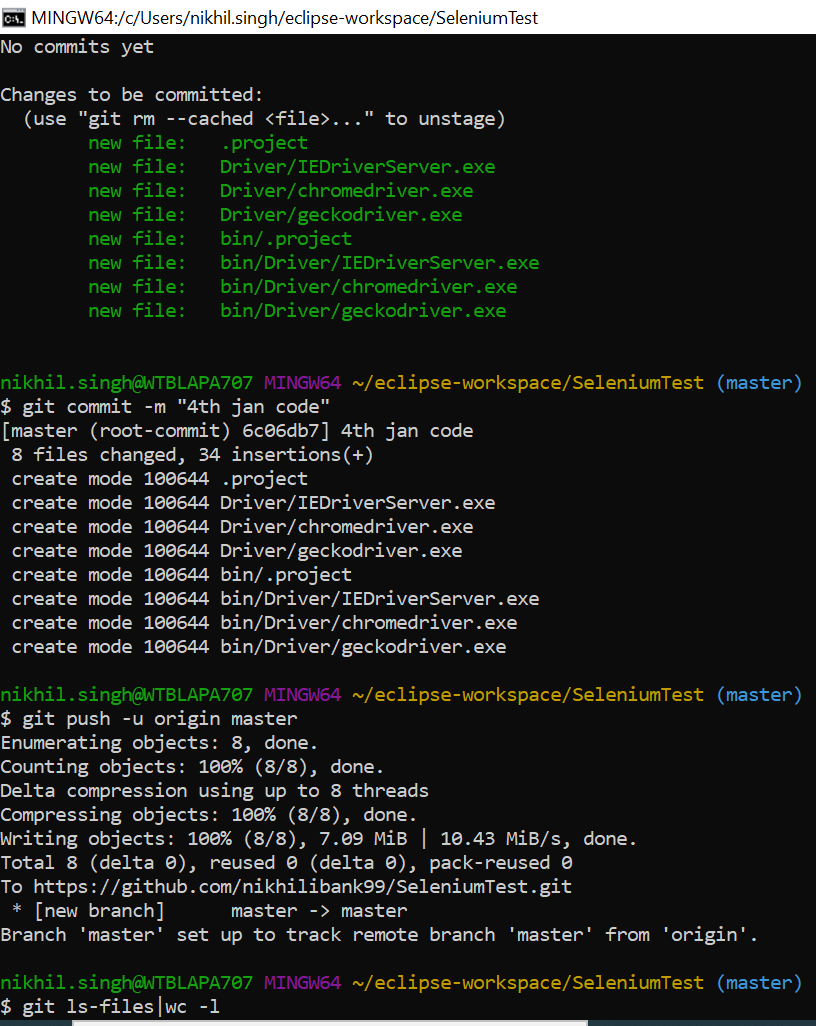
***For creating another repo and pushing the code into it from local to remote:***

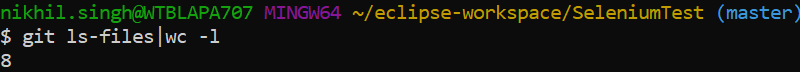
1. Make a repository in github . ex SeleniumTest.

U will get the URL:

In gitbash under the project folder perform below steps:







Commands:

1. git init -> to initialize the git repository in local (in eclipse basically)
2. git remote add origin <https://github.com/nikhilibank99/SeleniumTest.git> (links local to remote)
3. git status -> in Red color
4. git add . -> files get added to remote
5. git status -> in green color
6. git commit -m “message” -> commit the code
7. git push -u origin master -> push the code to remote
8. git ls-files|wc -l

github account

https://github.com/nikhilibank99

nikhilibank99

MNBVpo34

https://github.com/nikhilibank99/Programs

https://github.com/nikhilibank99/SeleniumPrac

https://github.com/nikhilibank99/SeleniumTest

ghp\_8A56s7qoNYWZgMRuf497BroXdJiReT0shC30