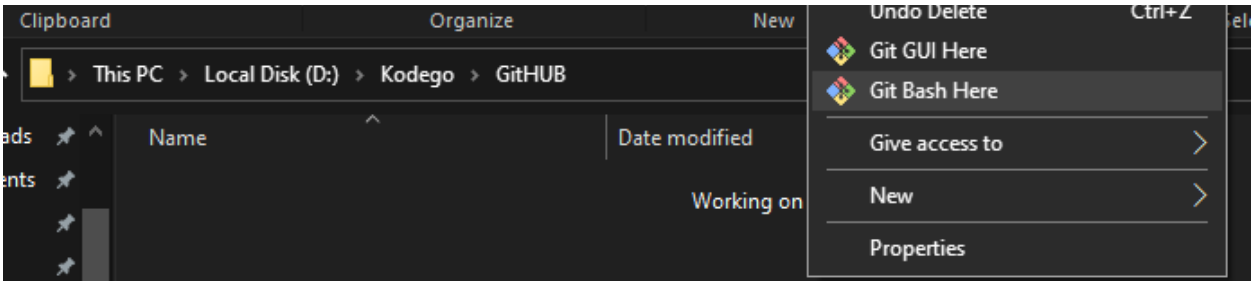
Jestoni J. Ceroma **12/07/2022**

SSH Key Observation

1. Creating a New SSH Key. 1st is open Gitbash Terminal.



2. Use this code below.

```
$ ssh-keygen -t ed25519 -C "your_email@example.com"
```

This is the result you should have.

```
VaN@WIN-K6GKF4N49I2 MINGW64 /d/Kodego/GitHUB (master)
$ ssh-keygen -t ed25519 -C "jestceroma88@gmail.com"
Generating public/private ed25519 key pair.
Enter file in which to save the key (/c/Users/Administrator/.ssh/id_ed25519):
Created directory '/c/Users/Administrator/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c/Users/Administrator/.ssh/id_ed25519
Your public key has been saved in /c/Users/Administrator/.ssh/id_ed25519.pub
The key fingerprint is:
SHA256:qDMuu7sYzjQUn3cflOfGRpAin2DA4xi8qDzrpX1Z7Xo jestceroma88@gmail.com
The key's randomart image is:
+--[ED25519 256]--+
|. ...    ..      |
| o o + . .o      |
|..= o + oo o     |
|.oo..  +. =      |
|o. o ...S. =     |
|oo  ......+      |
|.oo.+ o ..       |
|++*. =   E       |
|o==Bo  .o        |
+----[SHA256]-----+

VaN@WIN-K6GKF4N49I2 MINGW64 /d/Kodego/GitHUB (master)
$
```

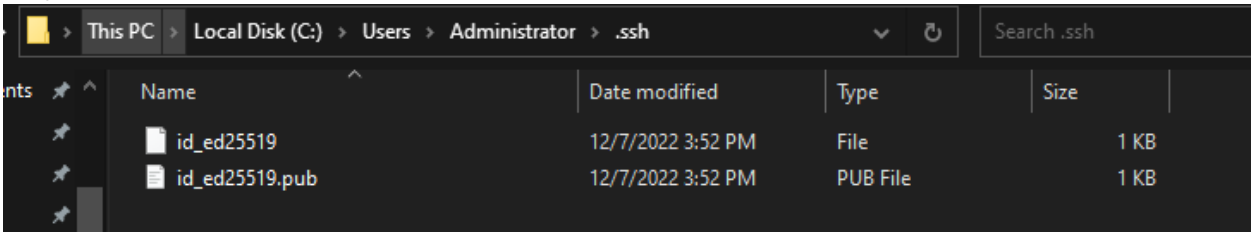
3. Now that you need to know if the ssh-agent that you made is running
   Open a New Gitbash then put this code: $ eval “$(ssh-agent -s)”
   Result:

```
VaN@WIN-K6GKF4N49I2 MINGW64 /d/Kodego/GitHUB (master)
$ eval "$(ssh-agent -s)"
Agent pid 2101
```

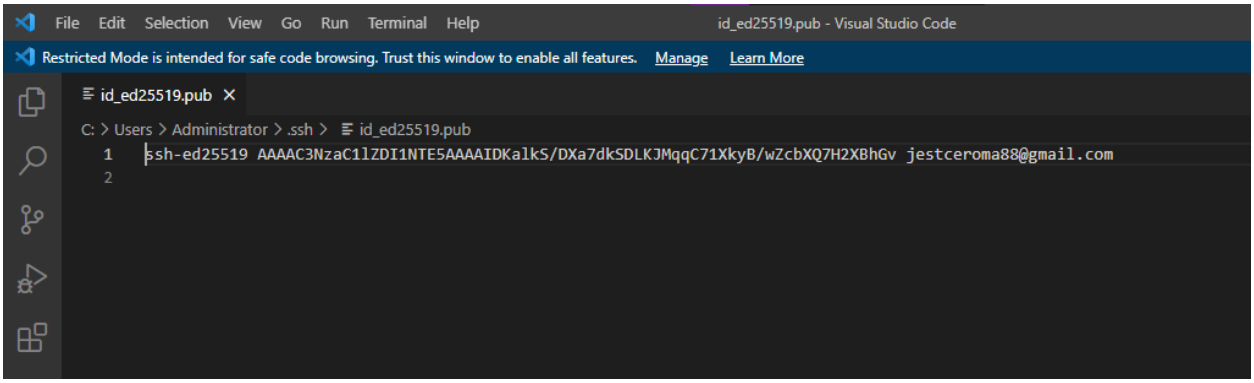
4. Now adding your created Key to you Ssh Agent put this code:
   $ ssh-add ~/.shh/id_ed25519
   Result:

```
VaN@WIN-K6GKF4N49I2 MINGW64 /d/Kodego/GitHUB (master)
$ ssh-add ~/.ssh/id_ed25519
Identity added: /c/Users/Administrator/.ssh/id_ed25519 (jestceroma88@gmail.com)
```

5. Now were Ready to add our SSh key to our github first go to where your Key is Located.

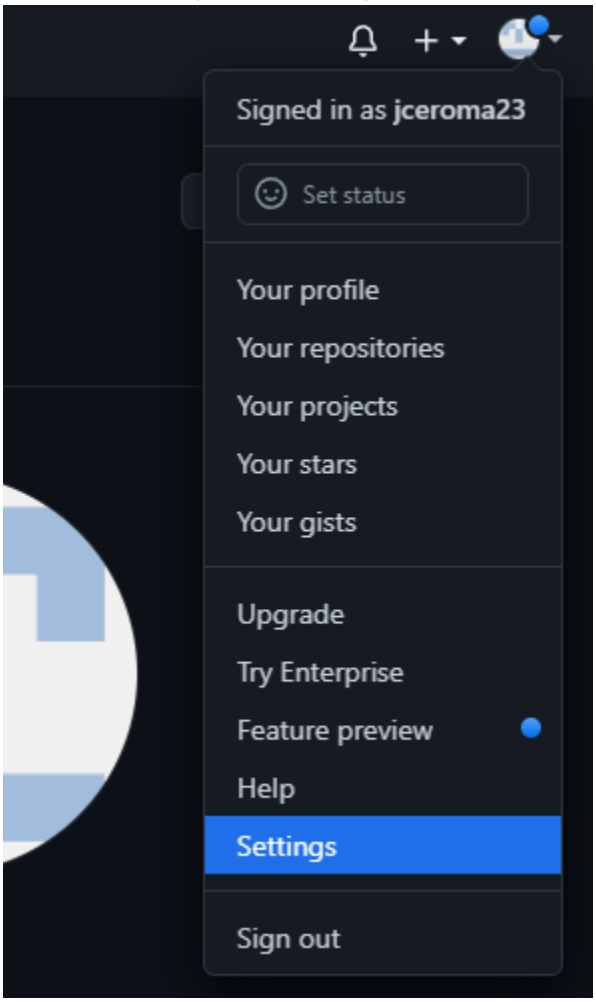


6. Open File.Pub using VS.Code
   Result:

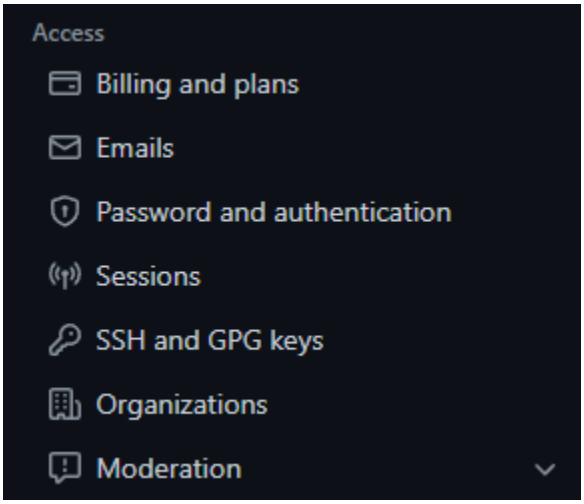


7. Copy it and and paste it to your GitHub Account

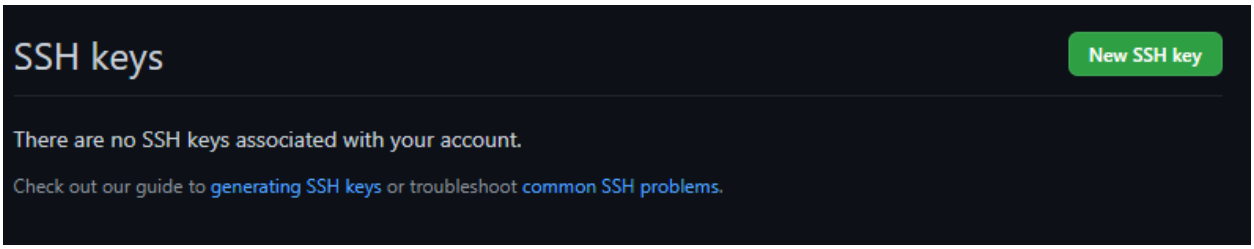
   Go to your Settings



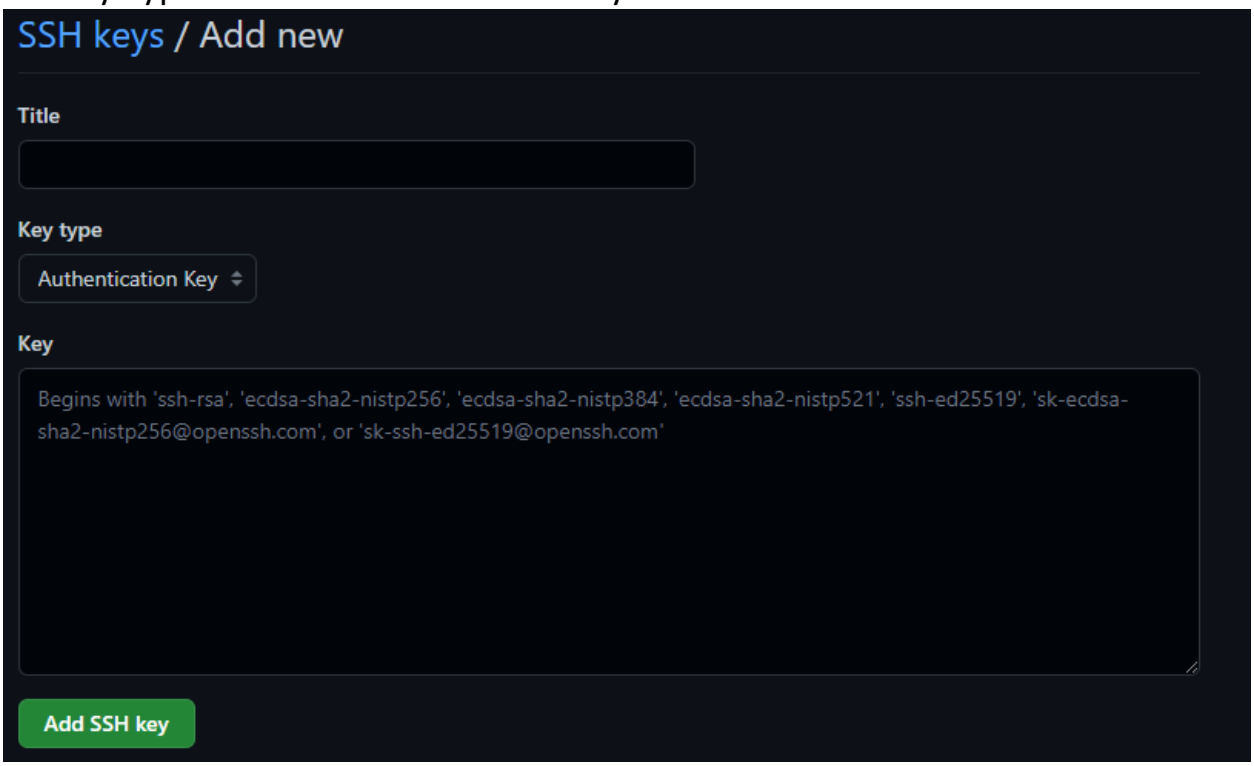
Next is Look for SSH and GPG Keys



8. Now from SSH and GPG keys settings click New SSH Key

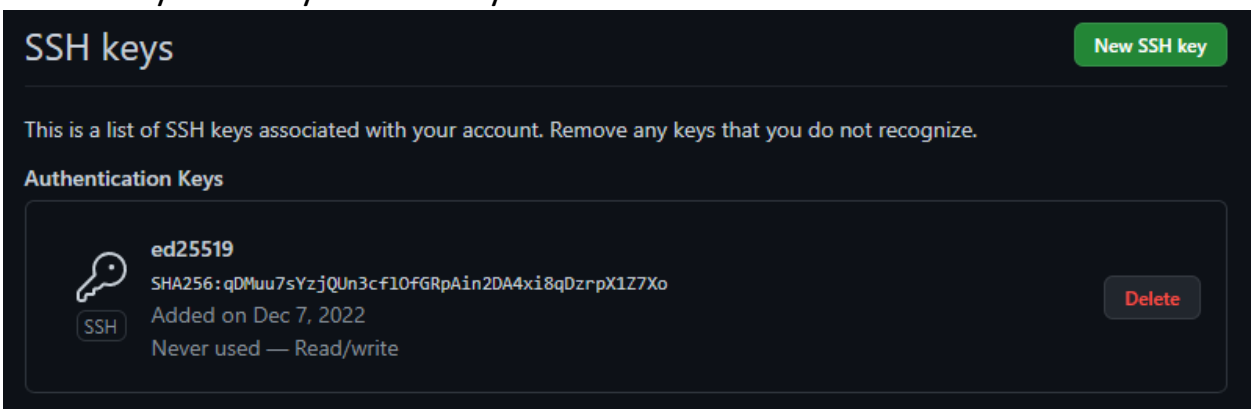


9. Add a Title for your Key
   Paste the SSH Key to the text box for Keys
   For key Type must be Authentication Key

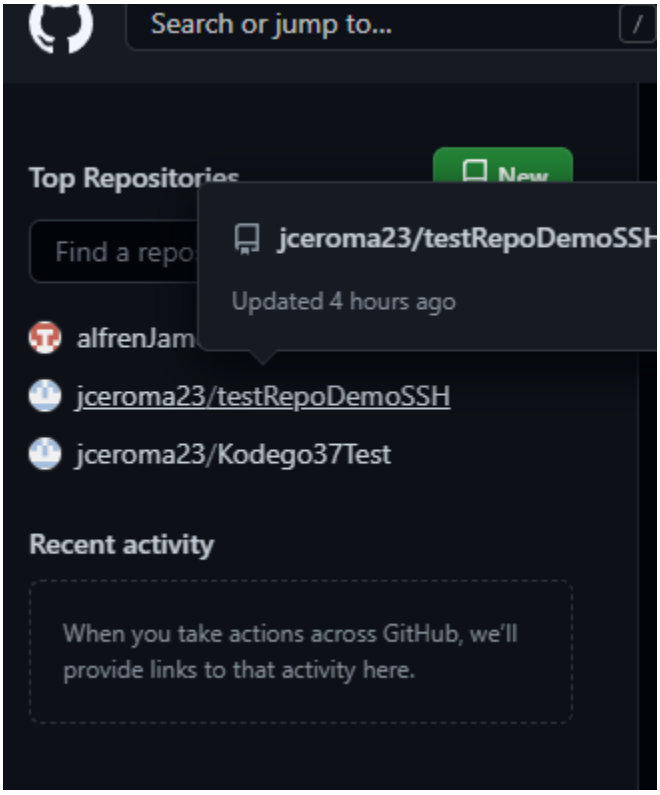


   Then Add SSH Key

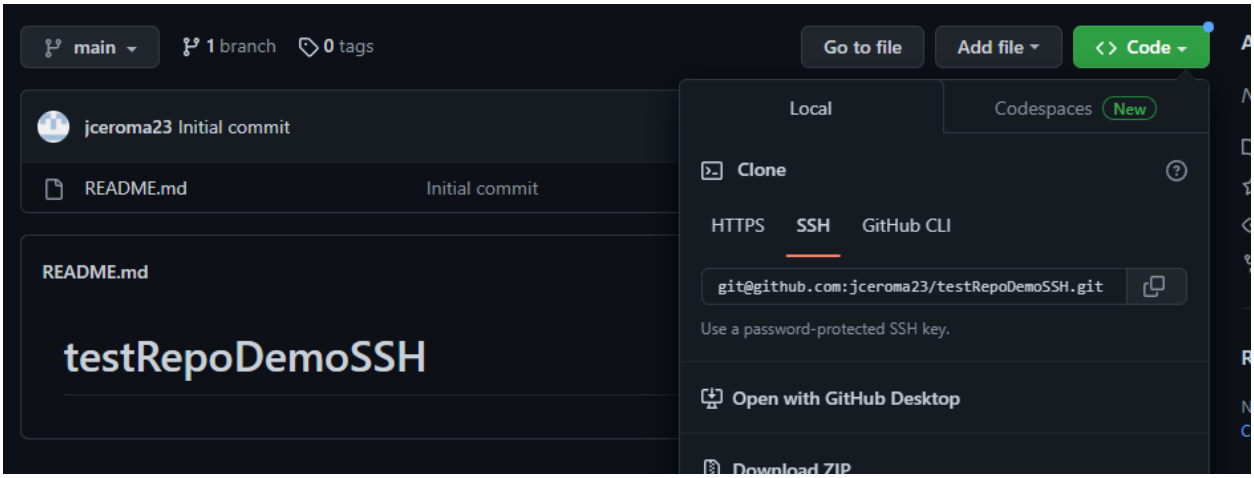
10. Now that you have your own key



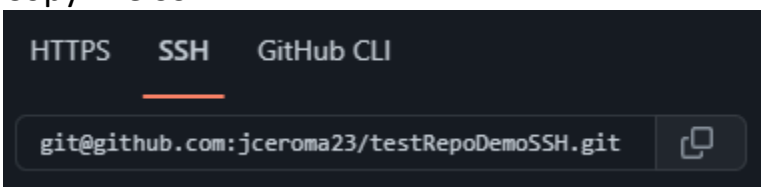
11.Now go back home and go to any Repository



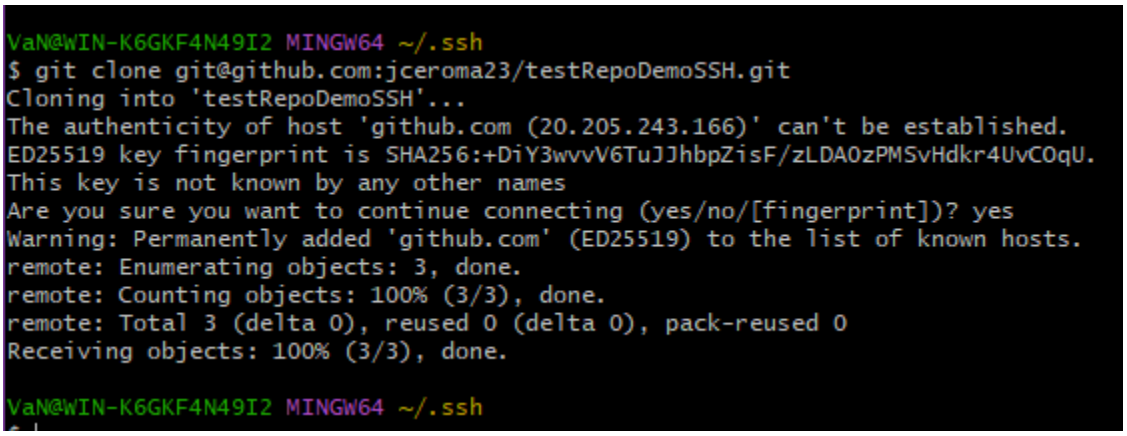
12.From there click code and go to SSH tab



13.Copy The SSH



14. Then were checking now the Connection of our SSH Connection. Open new Git Bash and enter this code and paste the SSH that you copied.
    $ Git clone git@github.com:jceroma23/testRepoDemoSSH.git



    Finish