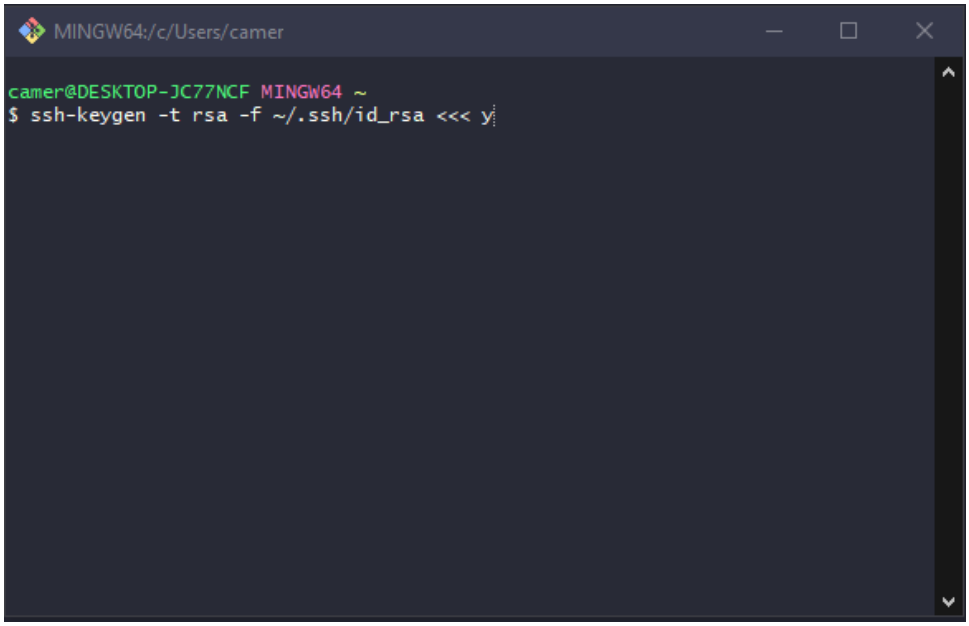
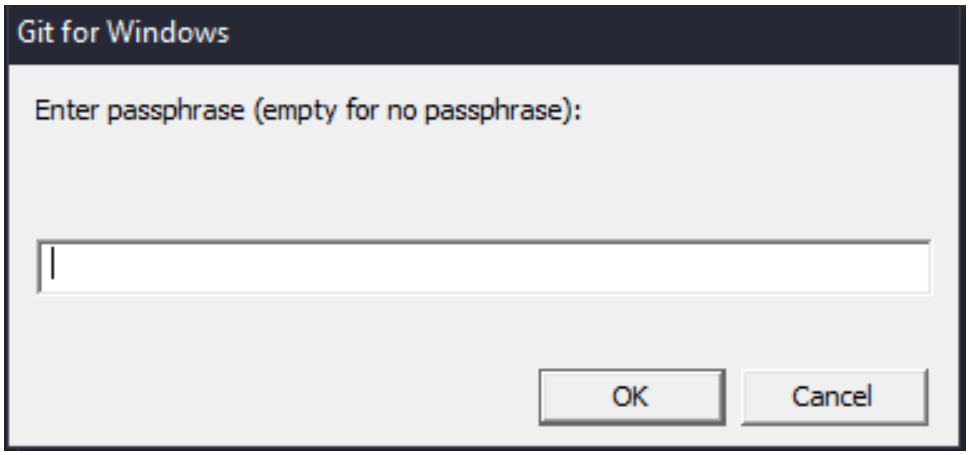
Connecting to GitHub with an SSH Key

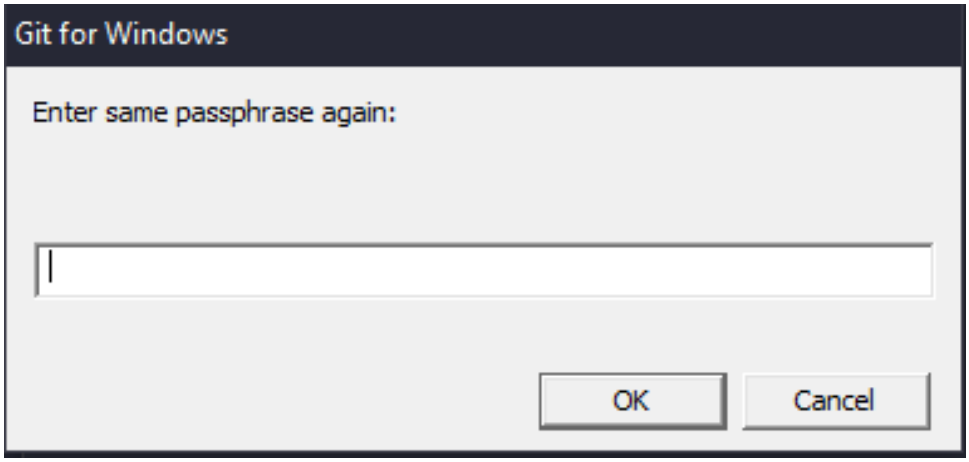
1. in git bash (anywhere) enter

```
ssh-keygen -t rsa -f ~/.ssh/id_rsa <<< y
```

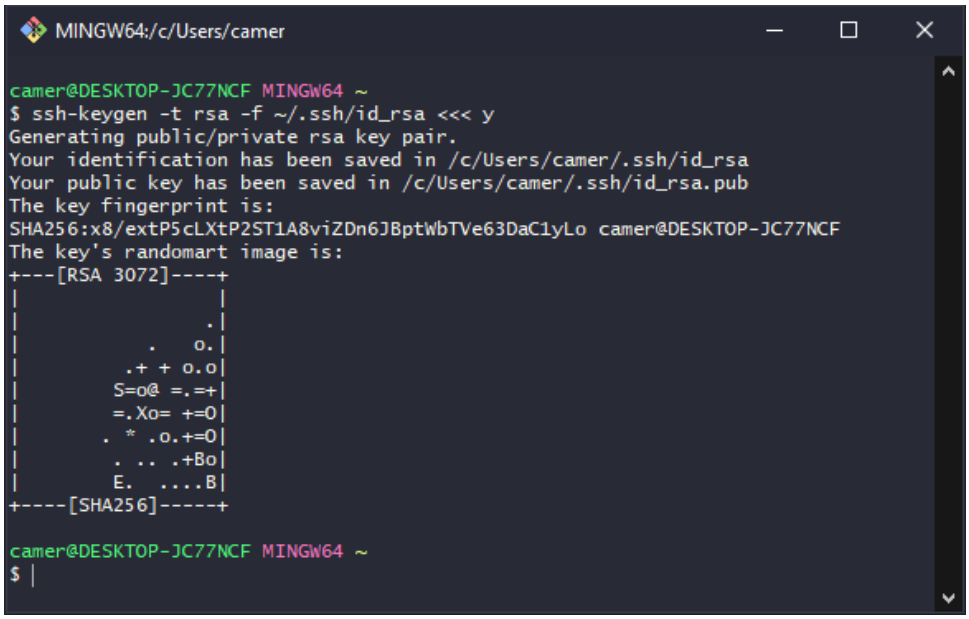


2. you may be prompted for a password... YOU DO NOT NEED TO ENTER ONE



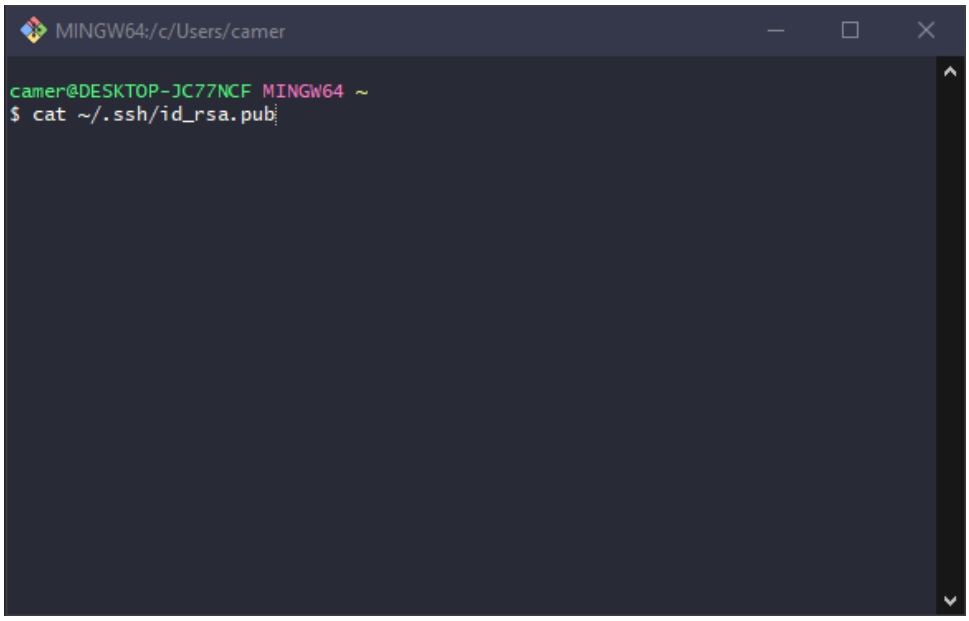


3. Your Git Bash terminal should look something like this

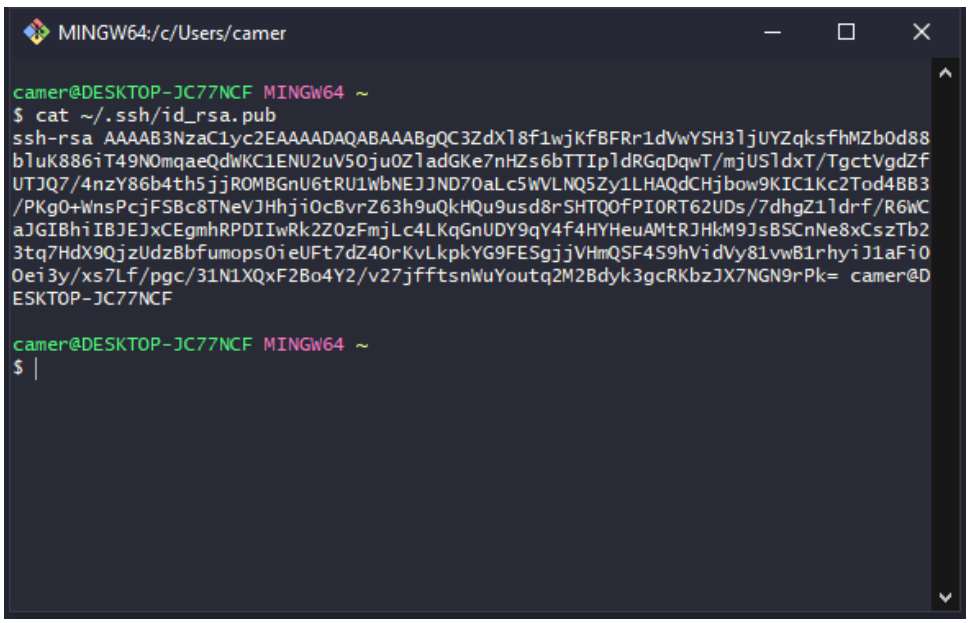


4. In your Git Bash terminal enter

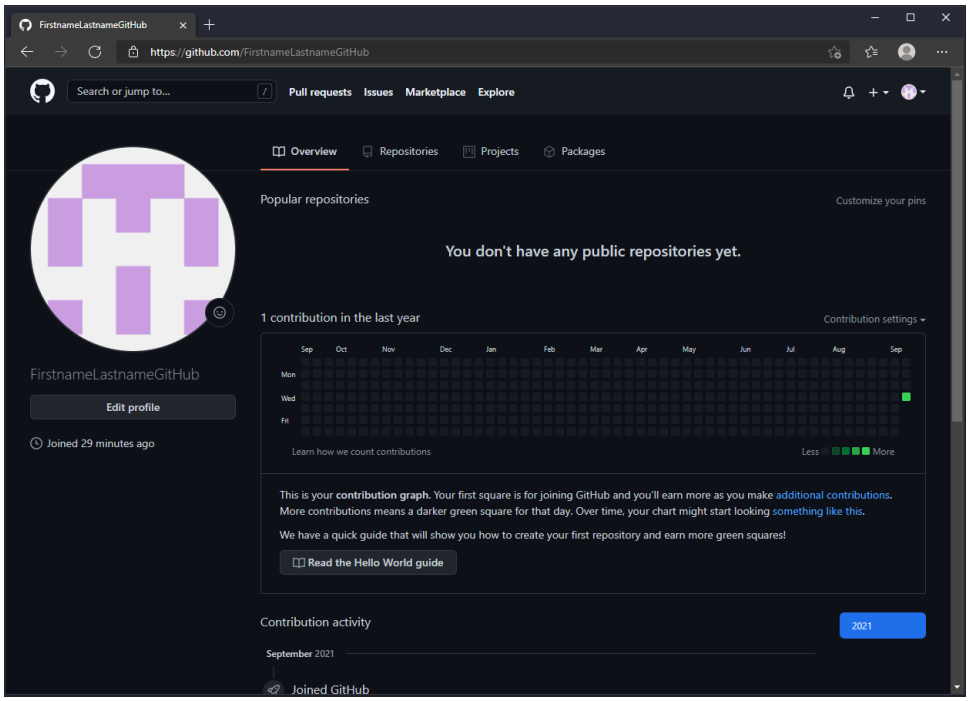
```
cat ~/.ssh/id_rsa.pub
```



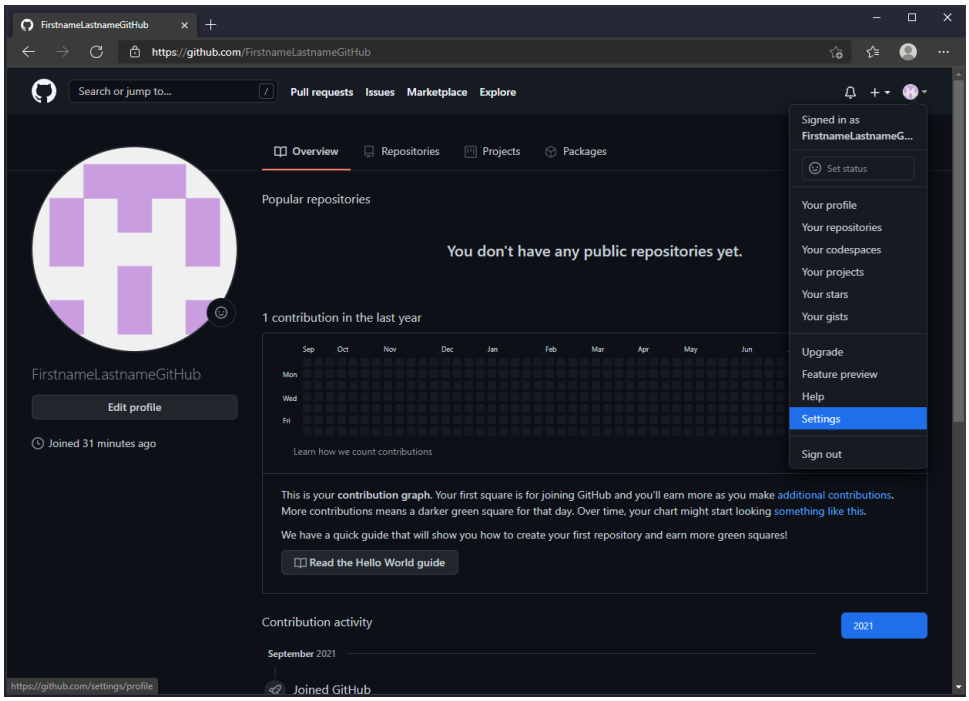
5. Your Git Bash terminal should look something like this



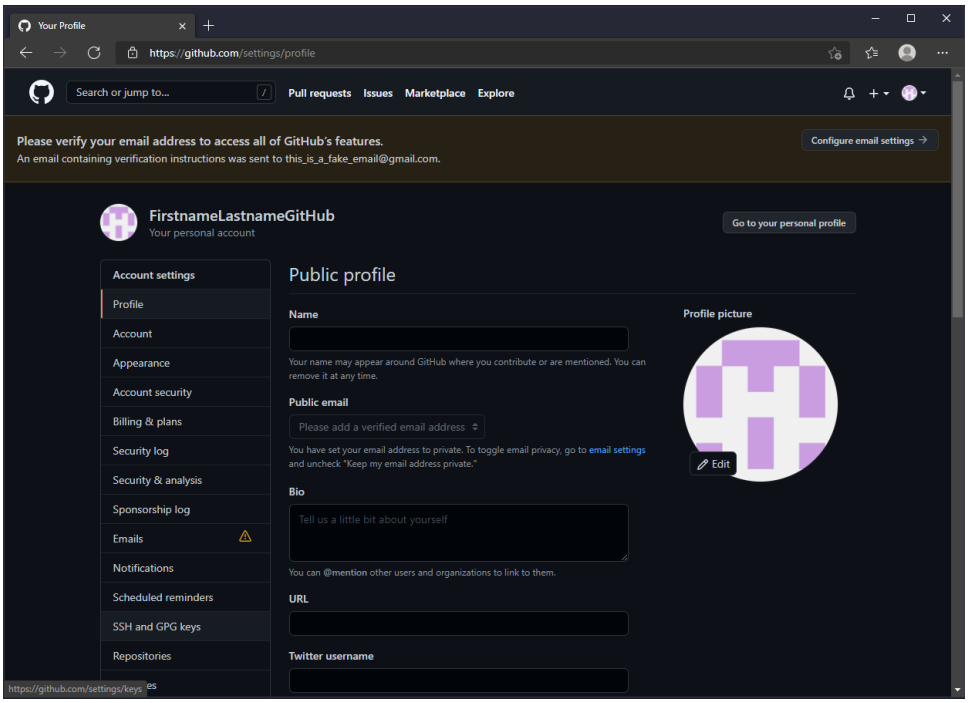
6. in your browser navigate to http://github.com/ and login



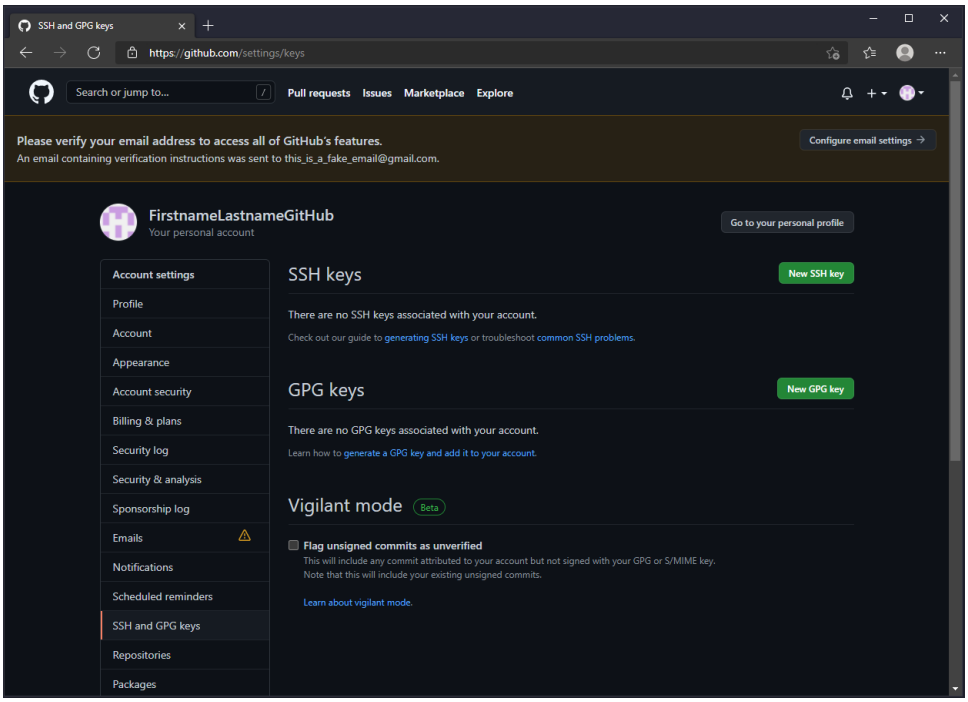
7. click on your small avatar (at the top-right of the screen) and select 'settings' from the drop-down



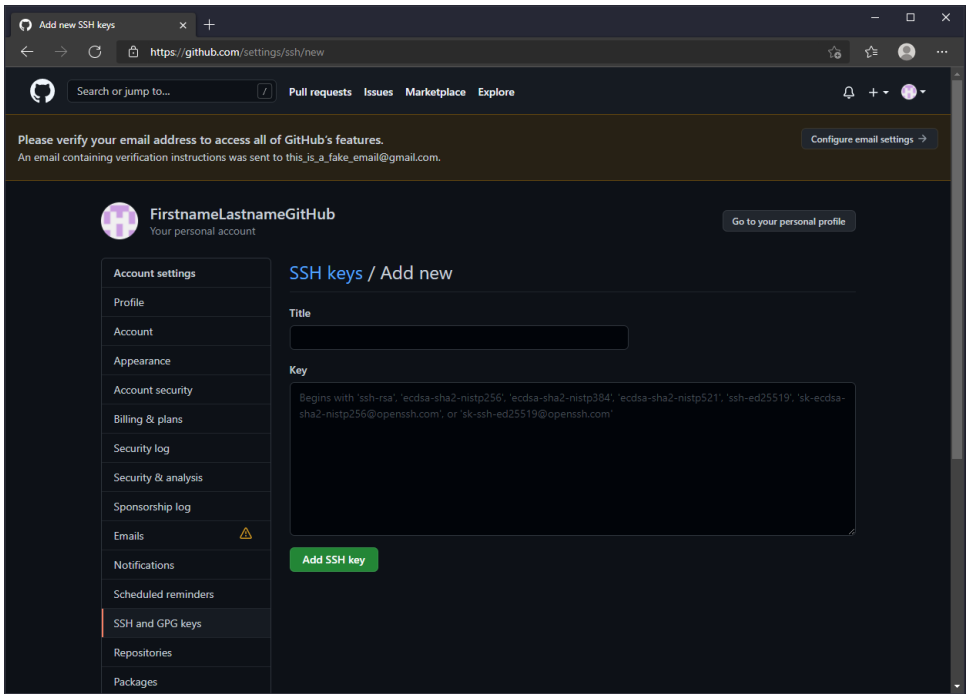
8. on the left hand side go to 'SSH and GPG keys'



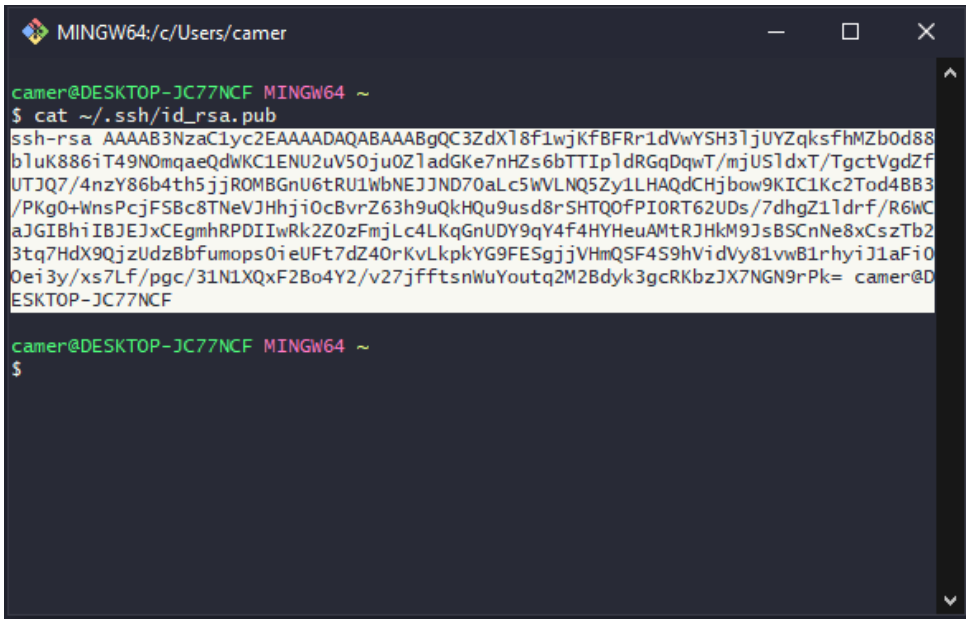
9. click the 'new SSH key' button



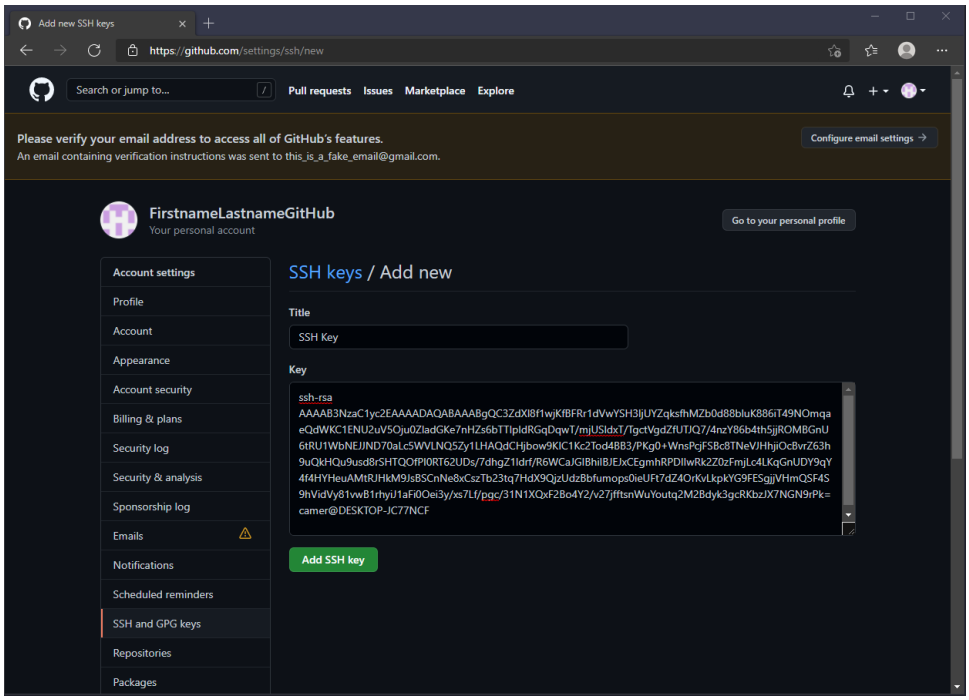
10. your window should look something like this



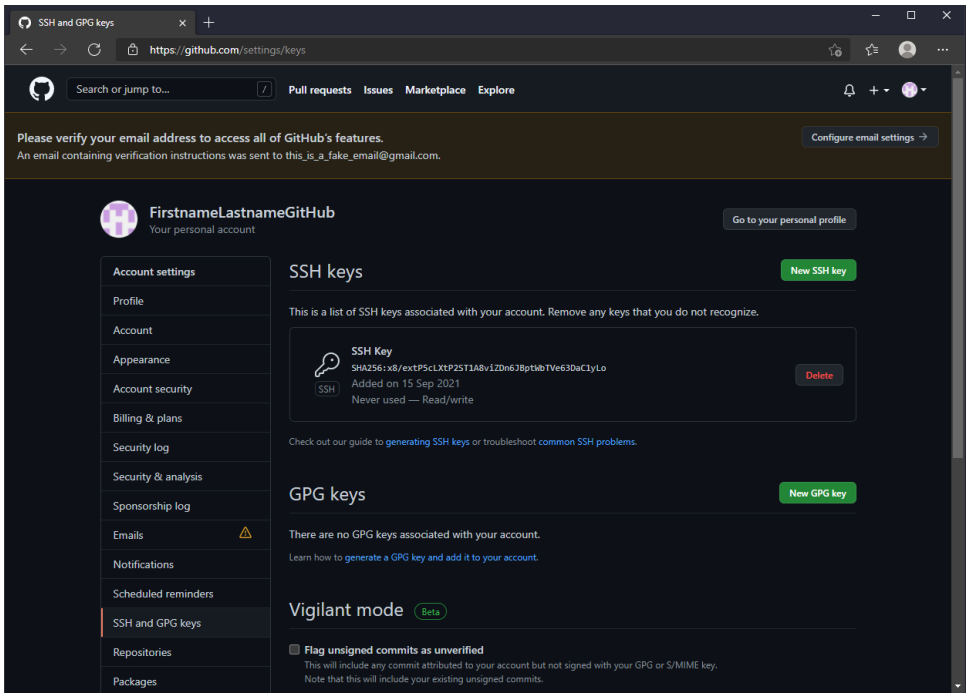
11. copy the key from git bash



12. paste it into the text box and give it a name like 'GitBash SSH' and click Add SSH key

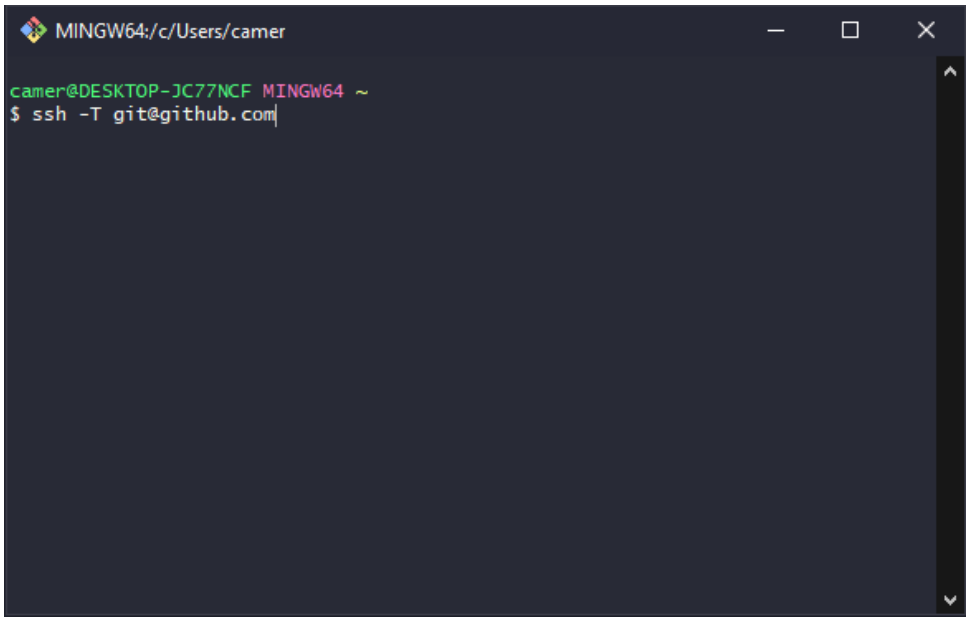


13. your window should look something like this



14. to test the connection go back to git bash and type

```
ssh -T git@github.com
```



15. if it works you'll see a message like

```
> Hi username! You've successfully authenticated, but GitHub does not
> provide shell access.
```