

People's Friendship University of Russia

Lab report number 1

Completed

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Purpose

How to work with git version control systems

Tasks

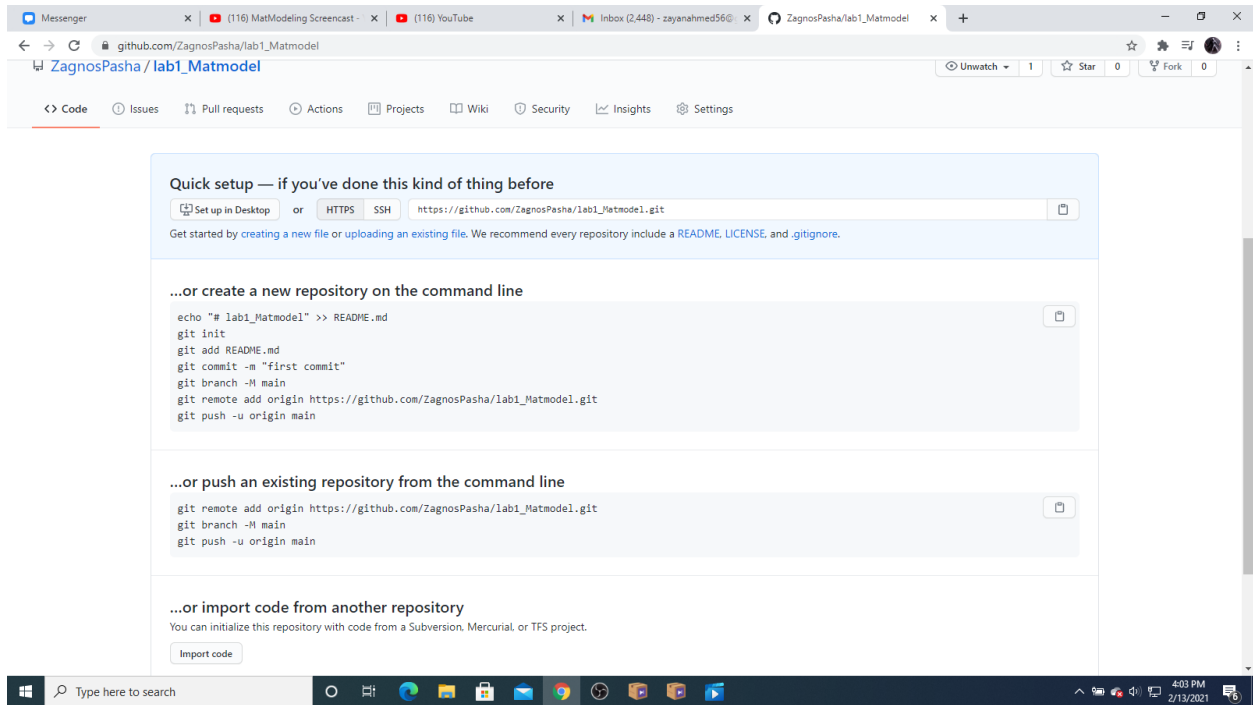
- 1.Create a repository
- 2.Create and upload files made on personal device to github
- 3.Make a commit and push to the github repository
- 4.Make a release
- 5.Generate a report and create a presentation in pdf,docx and markdown formatts
- 6.Create a final release

Subject of the study

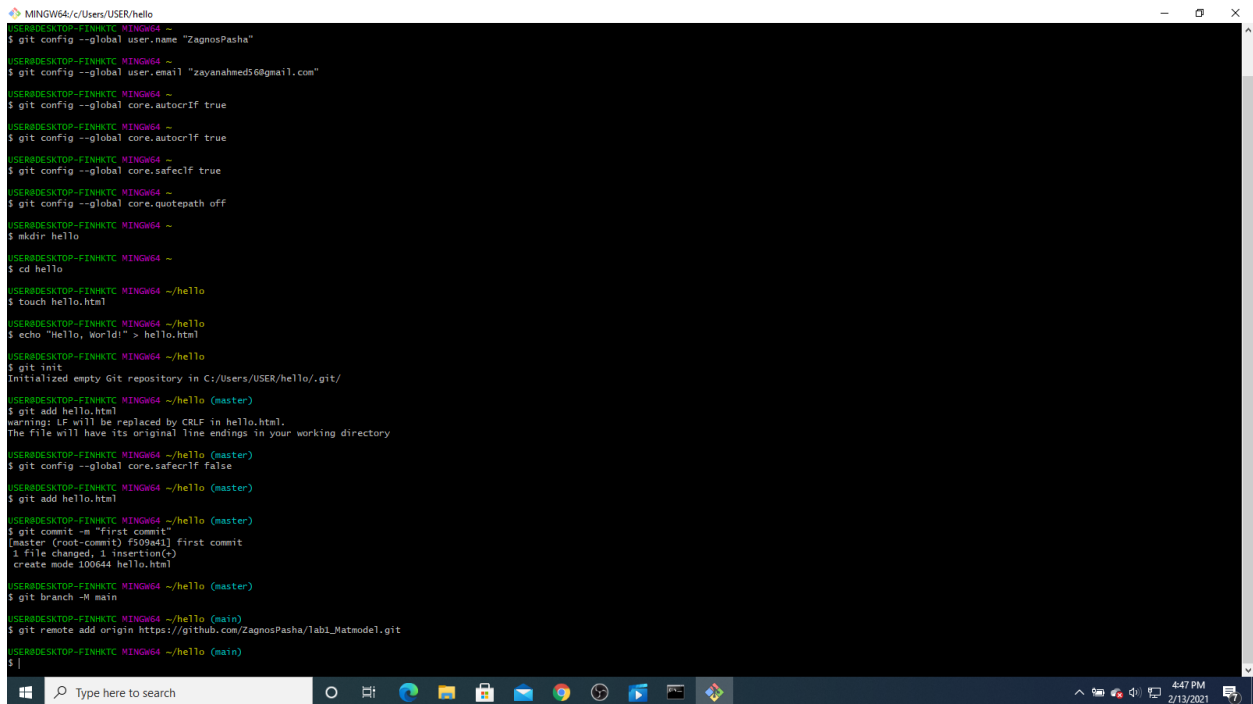
Git. Markdown

List of Illustrations

Created a repository on github(fig. 1)

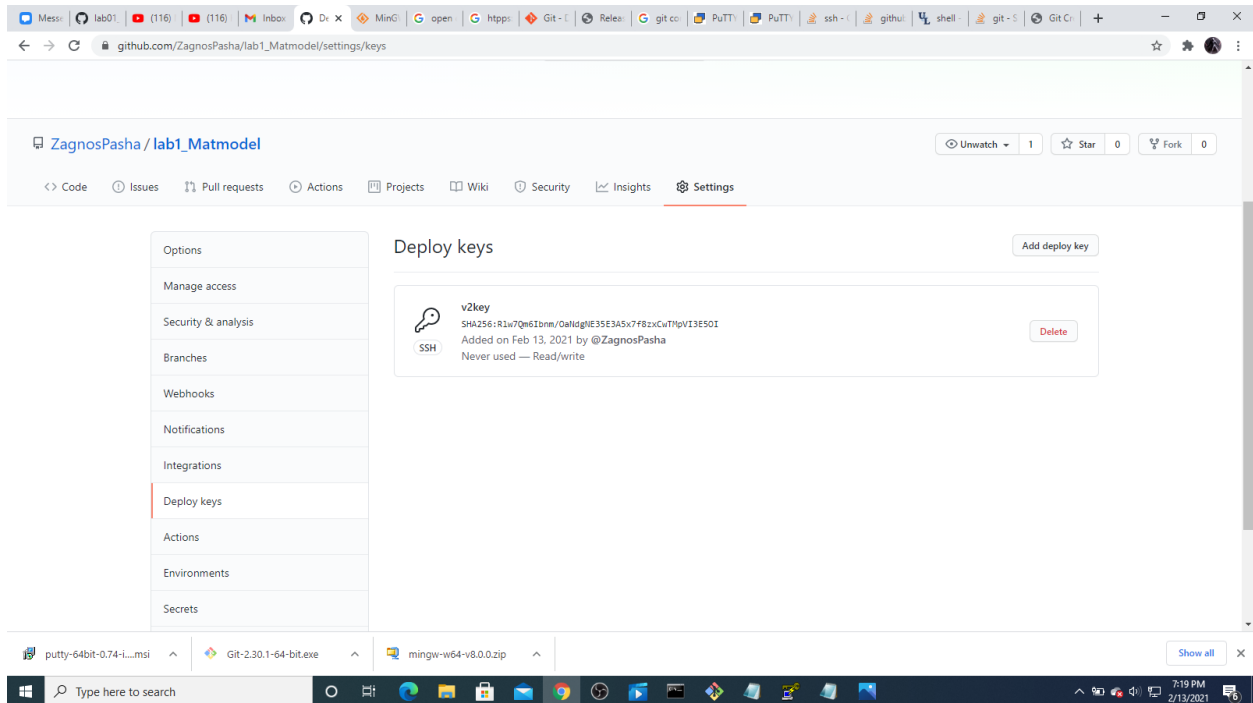


{Image 1}

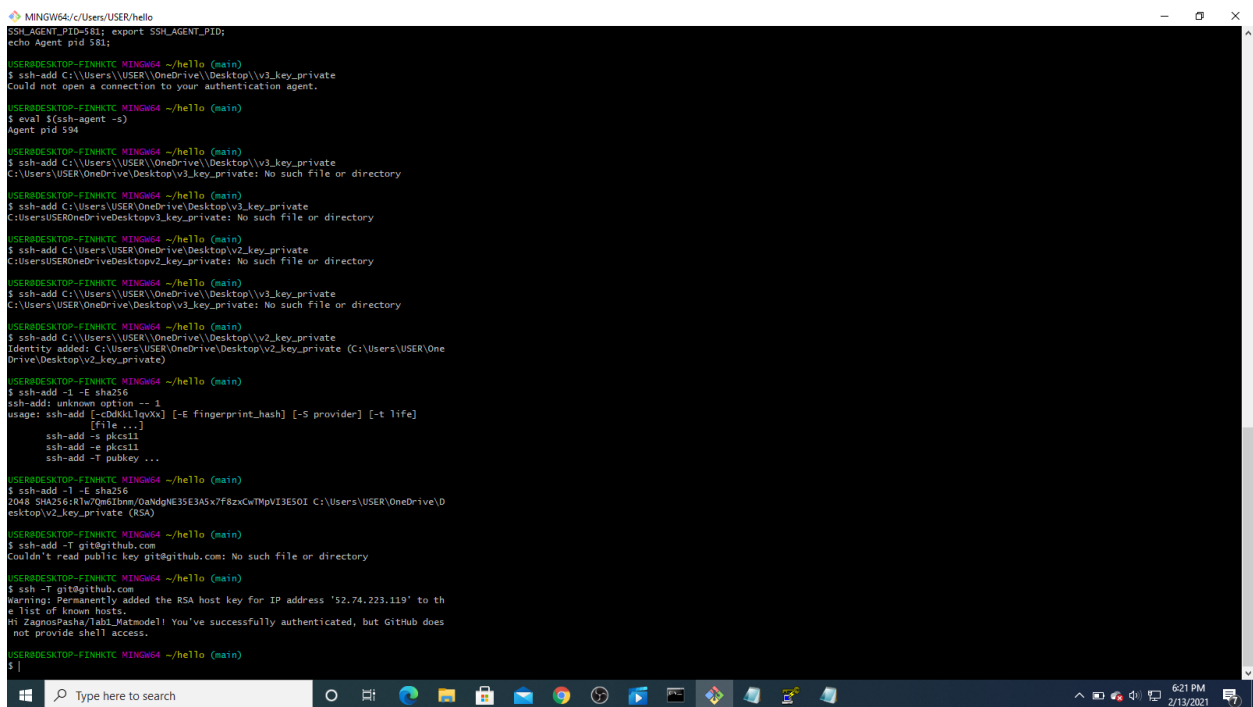


{Image 2}

Downloaded and connected SSH keys (fig. 2)



{Image 3}



{Image 4}

Created a hello.html file and started it (fig.3)

```
MINGW64/c/Users/USER/hello
Identity added: C:\Users\USER\OneDrive\Desktop\v2_key_private (C:\Users\USER\OneDrive\Desktop\v2_key_private)

USERDESKTOP-FINAKTC MINGW64 ~/hello (main)
$ ssh-add -l -E sha256
ssh-add: unknown option -- 1
usage: ssh-add [-cDdKkLlqvXx] [-t fingerprint_hash] [-s provider] [-t life]
               [file ...]
      ssh-add -s pkcs11
      ssh-add -e pkcs11
      ssh-add -T pubkey ...

USERDESKTOP-FINAKTC MINGW64 ~/hello (main)
$ ssh-add -l -E sha256
2048 SHA256:rl7Qw7l1mwa/DaIdgNE3SE3ASx7f8zxGwTlpV3ESOI C:\Users\USER\OneDrive\Desktop\v2_key_private (RSA)

USERDESKTOP-FINAKTC MINGW64 ~/hello (main)
$ ssh-add -T git@github.com
Couldn't read public key git@github.com: No such file or directory

USERDESKTOP-FINAKTC MINGW64 ~/hello (main)
$ ssh -T git@github.com
Warning: Permanently added the RSA host key for IP address '52.74.223.119' to the list of known hosts.
Hi ZagnosPasha/lab1_Matmodel! You've successfully authenticated, but GitHub does not provide shell access.

USERDESKTOP-FINAKTC MINGW64 ~/hello (main)
$ ls
hello.html

USERDESKTOP-FINAKTC MINGW64 ~/hello (main)
$ git commit -m "My first commit"
git: 'commit -m' is not a git command. See 'git --help'.

The most similar command is
    commit-tree

USERDESKTOP-FINAKTC MINGW64 ~/hello (main)
$ git commit -m "My First commit"
On branch main
nothing to commit, working tree clean

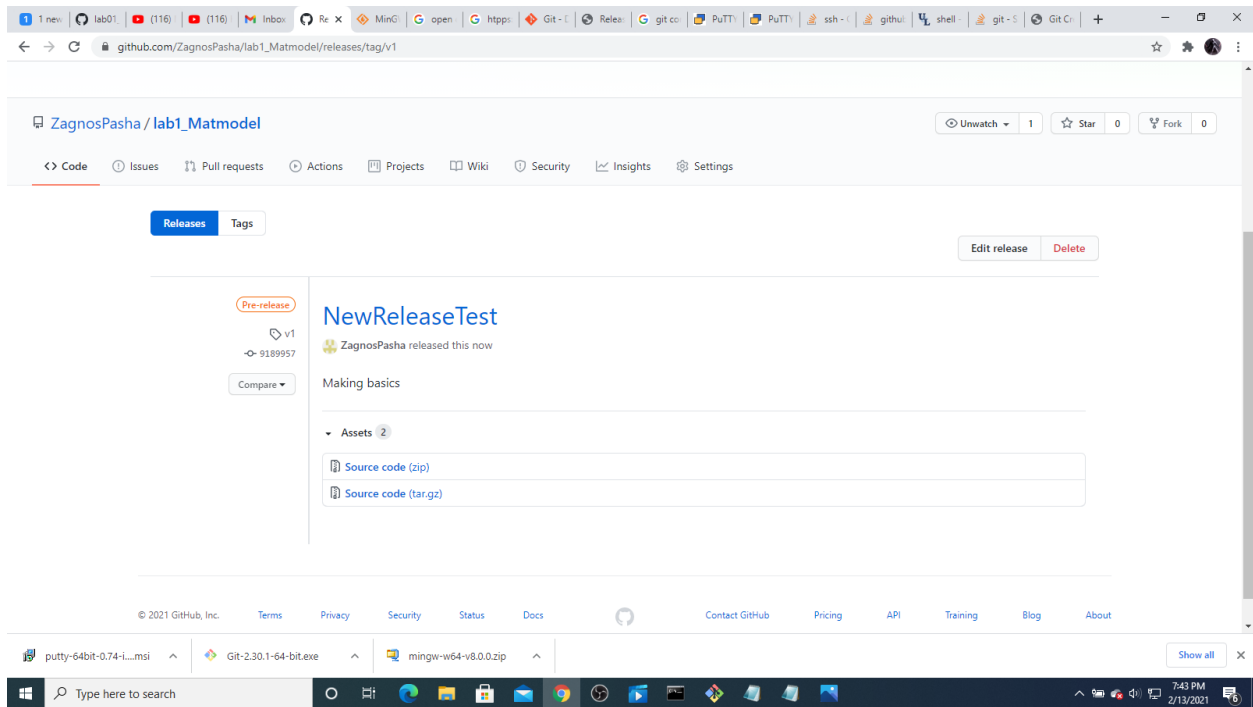
USERDESKTOP-FINAKTC MINGW64 ~/hello (main)
$ git add hello.html

USERDESKTOP-FINAKTC MINGW64 ~/hello (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 232 bytes | 232.00 KiB/s, done.
Total 3 (delta 0); reused 0 (delta 0); pack-reused 0
To https://github.com/ZagnosPasha/lab1_Matmodel.git
 * [new branch]    main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'.

USERDESKTOP-FINAKTC MINGW64 ~/hello (main)
$
```

{Image 5}

Made a release test on github (fig. 4)



{Image 6}

Technical equipments used

Computer,WiFi,Git console(Git bash),a notepad to write markdown files

Conclusions

Learned how to solve issues on github, how to make commits and push them.Learned how to mke releases and got acquainted with Markdown