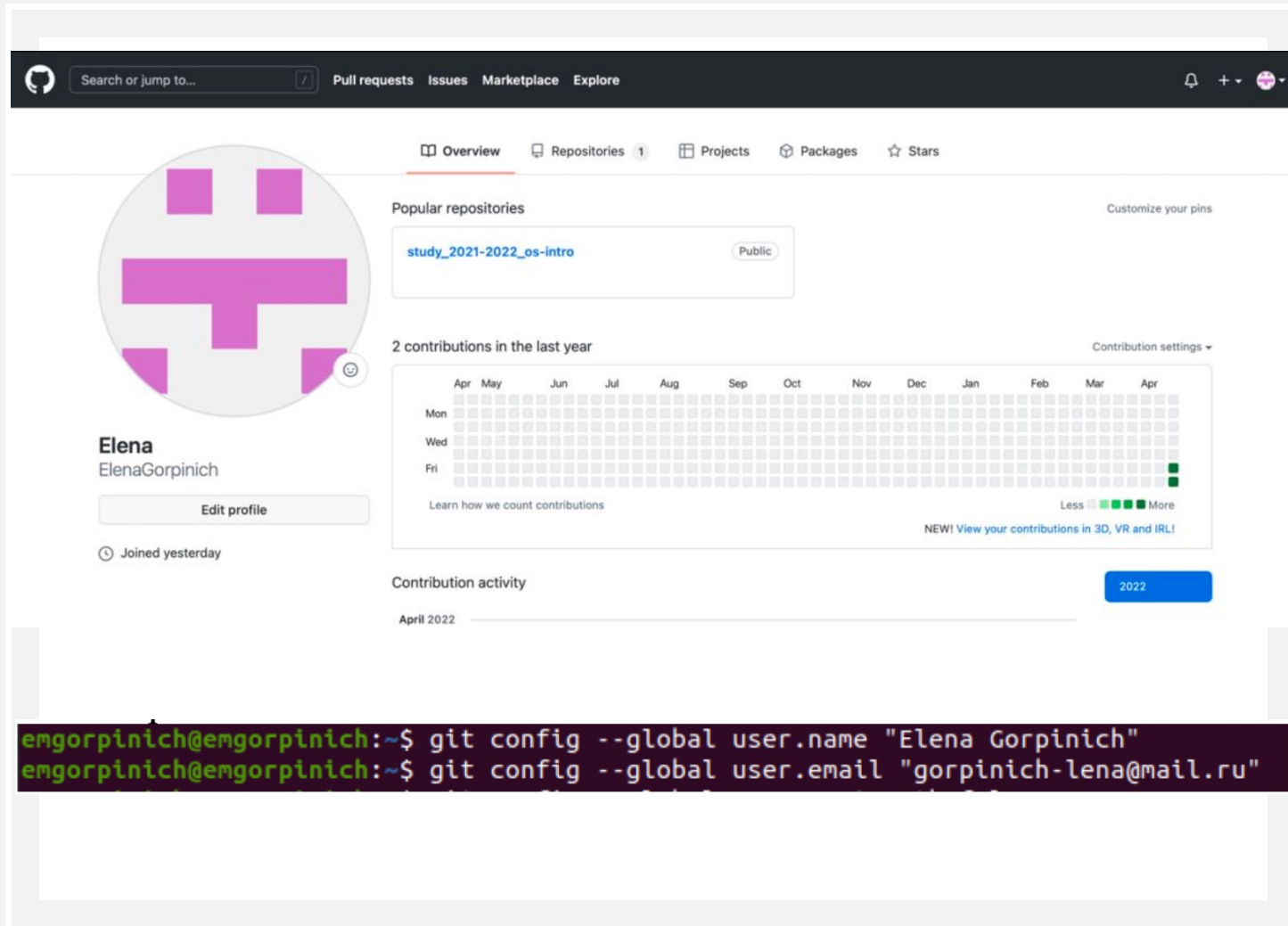


ОТЧЕТ ПО ЛАБОРАТОРНОЙ РАБОТЕ № 2

Горпинич Елена Михайловна

НПМбд-01-21

НАСТРОЙКА GITHUB



GitHub profile page for ElenaGorpinich. The profile shows a custom avatar, the name 'Elena', and the username 'ElenaGorpinich'. It lists 'study_2021-2022_os-intro' as a popular repository and shows 2 contributions in the last year on a calendar grid. The page is in Russian, with navigation links like 'Pull requests', 'Issues', 'Marketplace', and 'Explore'.

```
emgorpinich@emgorpinich:~$ git config --global user.name "Elena Gorpinich"
emgorpinich@emgorpinich:~$ git config --global user.email "gorpinich-lena@mail.ru"
```

НАСТРОЙКА GIT

```
emgorpinich@emgorpinich:~$ git config --global core.quotePath false
emgorpinich@emgorpinich:~$ git config --global init.defaultBranch master
emgorpinich@emgorpinich:~$ git config --global core.autocrlf input
emgorpinich@emgorpinich:~$ git config --global core.safecrlf warn
```

СОЗДАНИЕ КЛЮЧА SSH

```
emgorpinich@emgorpinich:~$ ssh-keygen -t rsa -b 4096
Generating public/private rsa key pair.
Enter file in which to save the key (/home/emgorpinich/.ssh/id_rsa): lab2_1
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in lab2_1
Your public key has been saved in lab2_1.pub
The key fingerprint is:
SHA256:C4qjXaz9nBcwua33lXF1skiX1LSYb/BFk8bCHBKl1RY emgorpinich@emgorpinich
The key's randomart image is:
+---[RSA 4096]---+
|                 o=+=E=|
|                 +=oO+|
|      .      ..+B.+|
|      +      . o++o|
|      .=S      o o+ |
|      o ...o.    +.  |
|      o +      ... o  |
|      o =      ...o   |
|      . o ..+o ..    |
+-----[SHA256]-----+
```

СОЗДАНИЕ КЛЮЧА GPG

```
emgorpinich@emgorpinich:~$ gpg --full-generate-key
gpg (GnuPG) 2.2.19; Copyright (C) 2019 Free Software Foundation, Inc.
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.
```

Please select what kind of key you want:

- (1) RSA and RSA (default)
- (2) DSA and Elgamal
- (3) DSA (sign only)
- (4) RSA (sign only)
- (14) Existing key from card

Your selection? 1

RSA keys may be between 1024 and 4096 bits long.

What keysize do you want? (3072) 4096

Requested keysize is 4096 bits

Please specify how long the key should be valid.

- 0 = key does not expire
- <n> = key expires in n days
- <n>w = key expires in n weeks
- <n>m = key expires in n months
- <n>y = key expires in n years

Key is valid for? (0) 0

Key does not expire at all

Is this correct? (y/N) y

GnuPG needs to construct a user ID to identify your key.

Real name: ElenaGorpinich

Email address: gorpinich-lena@mail.ru

Comment:

You selected this USER-ID:

"ElenaGorpinich <gorpinich-lena@mail.ru>"

Change (N)ame, (C)omment, (E)mail or (O)kay/(Q)uit? 0

We need to generate a lot of random bytes. It is a good idea to perform some other action (type on the keyboard, move the mouse, utilize the disks) during the prime generation; this gives the random number generator a better chance to gain enough entropy.

We need to generate a lot of random bytes. It is a good idea to perform some other action (type on the keyboard, move the mouse, utilize the disks) during the prime generation; this gives the random number generator a better chance to gain enough entropy.

gpg: key 46A3B8E79662EF24 marked as ultimately trusted

gpg: revocation certificate stored as '/home/emgorpinich/.gnupg/openpgp-revocs.d/75F4D4D859A5758BADDECA5E46A3B8E79662EF24.rev'

public and secret key created and signed.

pub rsa4096 2022-04-23 [SC]

75F4D4D859A5758BADDECA5E46A3B8E79662EF24

uid ElenaGorpinich <gorpinich-lena@mail.ru>

sub rsa4096 2022-04-23 [E]

ДОБАВЛЕНИЕ КЛЮЧА PGP НА GITHUB

```
emgorpinich@emgorpinich:~$ gpg --list-secret-keys --keyid-format LONG
/home/emgorpinich/.gnupg/pubring.kbx
-----
sec   rsa4096/46A3B8E79662EF24 2022-04-23 [SC]
      75F4D4D859A5758BADDECA5E46A3B8E79662EF24
uid   [ultimate] ElenaGorpinich <gorpinich-lena@mail.ru>
ssb   rsa4096/A91F019269262B4D 2022-04-23 [E]

emgorpinich@emgorpinich:~$ gpg --armor --export 46A3B8E79662EF24 | xclip -sel clip
```

GPG keys / Add new

Key

Begins with '-----BEGIN PGP PUBLIC KEY BLOCK-----'

Add GPG key

GPG keys

New GPG key

This is a list of GPG keys associated with your account. Remove any keys that you do not recognize.



GPG

Email address: gorpinich-lena@mail.ru

Key ID: 46A3B8E79662EF24

Subkeys: A91F019269262B4D

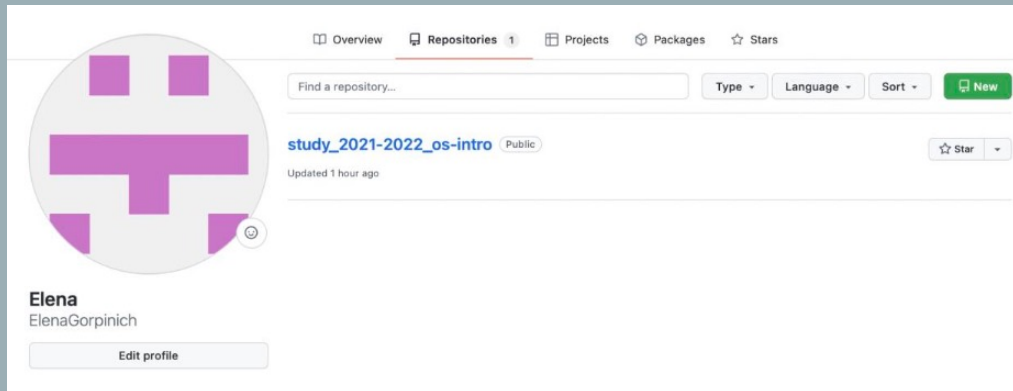
Added on 23 Apr 2022

Delete

НАСТРОИМ АВТОМАТИЧЕСКИЕ ПОДПИСИ КОММИТОВ GIT

```
emgorpinich@emgorpinich:~$ git config --global user.signingkey 46A3B8E79662EF24  
emgorpinich@emgorpinich:~$ git config --global commit.gpgsign true  
emgorpinich@emgorpinich:~$ git config --global gpg.program $(which gpg2)
```

СОЗДАНИЕ РЕПОЗИТОРИЯ



Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

Owner *

ElenaGorpinich ▾

Repository name *

study_2021-2022_os-intro ✓

Great repository names are short and lowercase. Your new repository will be created as `study_2021-2022_os-intro-arnacle?`

Description (optional)

☒ Public

Anyone on the internet can see this repository. You choose who can commit.

☐ Private

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

☐ Add a README file

This is where you can write a long description for your project. [Learn more](#).

Add .gitignore

Choose which files not to track from a list of templates. [Learn more](#).

.gitignore template: None ▾

Choose a license

A license tells others what they can and can't do with your code. [Learn more](#).

License: None ▾

i You are creating a public repository in your personal account.