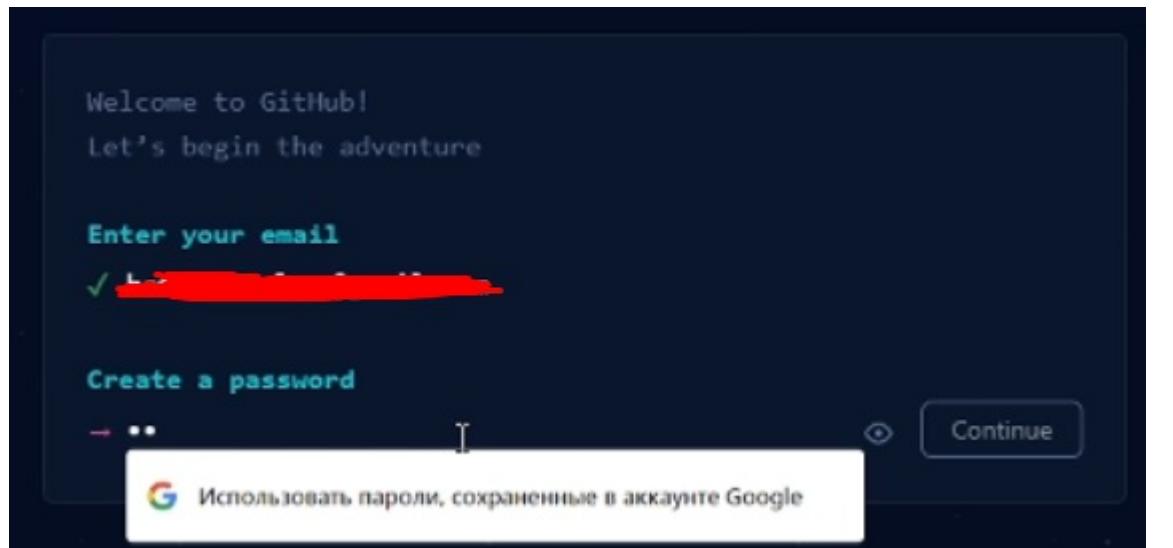


Лабораторная работа номер 2

Управление версиями



```
[rsmaljkov@rsmaljkov tmp]$ sudo dnf install gh
Fedora 35 openh264 (100% [=====] 1.8 kB/s | 948 B 00:00 ETA
[rsmaljkov@rsmaljkov tmp]$ git config --global user.name "MstislavRomanovski"
[rsmaljkov@rsmaljkov tmp]$ git config --global user.email "MstislavRomanovski@mail"
[rsmaljkov@rsmaljkov tmp]$ git config --global core.quotepath false
[rsmaljkov@rsmaljkov tmp]$ git config --global init.defaultBranch master
[rsmaljkov@rsmaljkov tmp]$ git config --global core.autocrlf input
[rsmaljkov@rsmaljkov tmp]$ git config --global core.safecrlf warn
[rsmaljkov@rsmaljkov tmp]$ ssh-keygen -t rsa -b 4096
Generating public/private rsa key pair.
Enter file in which to save the key (/home/rsmaljkov/.ssh/id_rsa):
Created directory '/home/rsmaljkov/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/rsmaljkov/.ssh/id_rsa
Your public key has been saved in /home/rsmaljkov/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:OKNE/5QvG1bgKGpm5W+7k5p3FmRfgI3FHW9G6vYDEvY rsmaljkov@rsmaljkov
The key's randomart image is:
+---[RSA 4096]---+
| . *.... |
| . o 000+ .+ |
| = = *o... * |
| = + ++oo..o |
| = o So=o.Eo |
| + . ...+o... |
| o... .. |
| o+.o . |
| ooo= |
+---[SHA256]---+
[rsmaljkov@rsmaljkov tmp]$ ssh-keygen -t ed25519
Generating public/private ed25519 key pair.
Enter file in which to save the key (/home/rsmaljkov/.ssh/id_ed25519):
```

```
[rsmaljkov@rsmaljkov tmp]$ gpg --full-generate-key
gpg (GnuPG) 2.3.2; Copyright (C) 2021 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.
```

```
gpg: directory '/home/rsmaljkov/.gnupg' created
gpg: keybox '/home/rsmaljkov/.gnupg/pubring.kbx' created
Please select what kind of key you want:
 (1) RSA and RSA
 (2) DSA and Elgamal
 (3) DSA (sign only)
 (4) RSA (sign only)
 (9) ECC (sign and encrypt) *default*
 (10) ECC (sign only)
 (14) Existing key from card
Your selection?
```

```
sec rsa4096/CB665AC57D7CE375 2022-04-23 [SC]
      C83458C75ACF1F15EE4696F0CA665AC57D7CE375
```

```
[rsmaljkov@rsmaljkov tmp]$ gpg --armor --export CA665AC57D7CE375
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQINBGJJj7ykBEADQJ5Q5LsDxnLUphBK9aqxMo9ltPopA58dNLAS28jiku9lRBRik
REKAU+SBG9F4EQx9oPLnlj6z1kKtNc3HctTc5daja15gdG6/r9UAQD1xCj95s6HY
6wzWBDA1Ds7uwv47pPDhG93Xpgwh0rEgSjvbEZNNJbgahyd7vmyNHX3JaEfVxUK+
dqe/IsBk3DpsJYdub6RYiaRLUU3tEvFVDWLLv+bYABxwEsWAXfnQK+/MWVfcMKxp
YOAhkeSaY57lJurVxAfWvYRiez2NoXHyXCi5gGV0dAqDW+GKw3p7f8hBTUmKyBxg
RNz/5VsUTiDxUz043ItCLbWW0z92lA4p6jwuxafA16rjSVAuvsF/8g9NJ6hlp2/I
8JVLh/AuEt6ZCqqgSrNvBctiNQkeFgvZqIGNOSsUpnyE0wi5kRGDx77INJq5tFNP
/dmC9lKCs0JMIpjbvBC8Wetg48GHG1dljsjvnFhkvZbGYoiZNzWDMvdjM/CdoyA2
xPb2gz2gSe15IPAHhQ0q5QpS5/I7j70Qzz5hhL88AV0yK7GJs6qdDJ+ISbQulSwp
```

```
[rsmaljkov@rsmaljkov tmp]$ git config --global user.signingkey CA665AC57D7CE375
[rsmaljkov@rsmaljkov tmp]$ git config --global commit.gpgsign true
[rsmaljkov@rsmaljkov tmp]$ git config --global gpg.program $(which gpg2)
```

```
[rsmaljkov@rsmaljkov tmp]$ gh auth login
? What account do you want to log into? [Use arrows to move, type to filter]
> GitHub.com
GitHub Enterprise Server
```

```
[rsmaljkov@rsmaljkov tmp]$ mkdir -p ~/work/study/2021-2022/"Operating Systems"
[rsmaljkov@rsmaljkov tmp]$ cd ~/work/study/2021-2022/"Operating Systems"
```

```
[rsmaljkov@rsmaljkov Operating Systems]$ gh repo create study_2021-2022_os-intro --template=yamadharma/course-directory-student-template --public
✓ Created repository MstislavRomanovski/study_2021-2022_os-intro on GitHub
```

```
[root@rsmaljkov Operating Systems]# git clone --recursive https://github.com/MstislavRomanovski/study_2021-2022_os-intro.git
```

```
[rsmaljkov@rsmaljkov work]$ cd ~/work/study/2021-2022/"Operating Systems"/study_2021-2022_os-intro
[rsmaljkov@rsmaljkov study_2021-2022_os-intro]$ ls
config  Makefile      README.en.md      README.md
LICENSE package.json  README.git-flow.md template
```

```
[rsmaljkov@rsmaljkov study_2021-2022_os-intro]$ rm package.json
```

```
[root@rsmaljkov study_2021-2022_os-intro]# make COURSE=os-intro
```

```
[root@rsmaljkov study_2021-2022_os-intro]# git add .
[root@rsmaljkov study_2021-2022_os-intro]# git commit -am 'feat(main):make course structure'
```

```
[root@rsmaljkov study_2021-2022_os-intro]# git push
```

{.standout}

Wer's nicht glaubt, bezahlt einen Taler