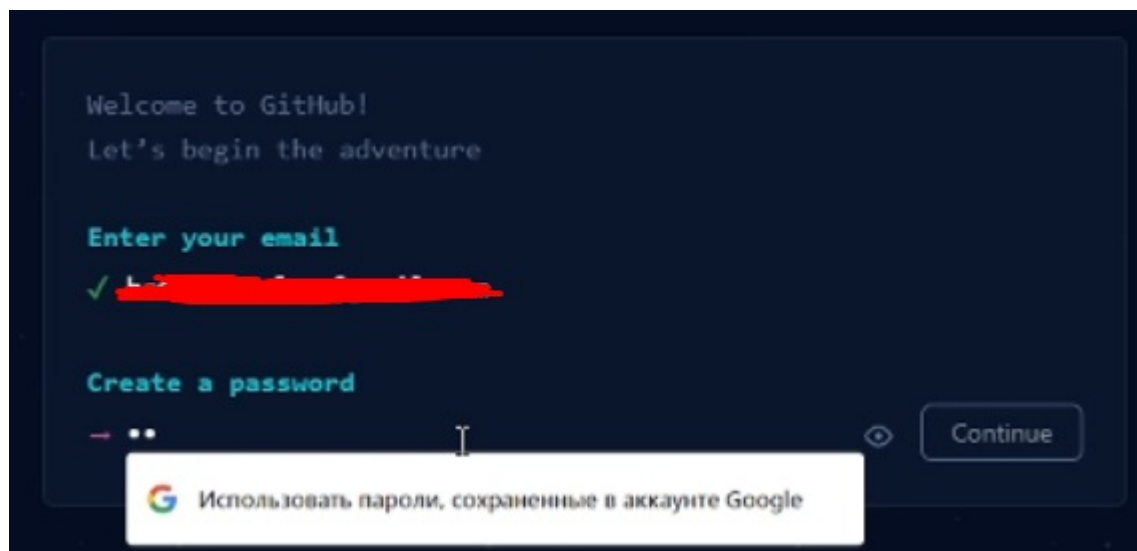


Лабараторная работа номер 2

Управление версиями



```
[rsmaljkov@rsmaljkov tmp]$ sudo dnf install gh
```

```
[rsmaljkov@rsmaljkov tmp]$ git config --global user.name "MstislavRomanovski"
[rsmaljkov@rsmaljkov tmp]$ git config --global user.email "MstislavRomanovski@gmail.com"
[rsmaljkov@rsmaljkov tmp]$ git config --global core.quotePath false
```

```
[rsma1jkov@rsma1jkov tmp]$ git config --global init.defaultBranch master
[rsma1jkov@rsma1jkov tmp]$ git config --global core.autocrlf input
[rsma1jkov@rsma1jkov 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:
SHA256:0KNE/5QvG1bgKGpm5W+7k5p3FmRfgI3FHW9G6vYDEvY rsmaljkov@rsmaljkov
The key's randomart image is:
```

```

-----[RSA 4096]-----
      . . * . . . .
      . 0 000+ . +
      = = * 0 . . +
      = + + 00 . . 0
      = 0 50=0.E0
      + . . . + 0 . .
      0 . . . .
      0 + . 0 .
      000=
-----[SHA256]-----

```

```
[rsmaljkov@rsmaljkov tmp]$
```

```
[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/CA665AC57D7CE375 2022-04-23 [SC]
      C83458C75ACF1F15EE4696F0CA665AC57D7CE375
```

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

```
mQINB6Jj7ykBEADQJ5Q5LSdxnLUpH8K9aqxMo9ltPopA58dNLAS28jiku9lRBrik
REKAU+S8G9F4EQx9oPLnlj0zlkKtNc3HCtTc5daja15gdG6/r9UAQD1xCj95s0HY
6wzW8DA1Ds7umv47pPDhG93Xpgwh0rEgSjvbEZNJJbgahyd7vmyNHX3JaEfVxUK+
dqE/IsBk3DpsJYdub6RYiaRLU03tEvFVDWLLv+bYABxwEsWAXfnQK+/MWVfcMKxp
Y0AhkeSaY57lJurVxAfWvYR1ez2NoXHyXCi5Gv0dAqDW+GKW3p7f8h8TUmKYbXg
RNz/5VsUTiDxUz043ItCLBWW0z92LA4p6jwuxaFAI6rjSVAuvsF/8g9NJ6hlp2/I
0JVLh/AuEt6ZCqqgSrNvBcTiNQkeFgvZqIGN0SsUpnyE0wi5kRGDx77INJq5lFNP
/dmC9lKCs0JMIpjbvBC8Wetg48HGh1dljsjvnFhkVZbGYoiZNzWDMvdjM/CdoyA2
xPb2gz2gSe15IPAHhQ0q5QpS5/I7j70Qzz5hhL80AV0yK7GJs6qdDJ+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 --templ
ate=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/MstislavRom
anovski/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]# 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 struct
ure'
```

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

{.standout}

Wer's nicht glaubt, bezahlt einen Taler