

РОССИЙСКИЙ УНИВЕРСИТЕТ ДРУЖБЫ НАРОДОВ  
Факультет физико-математических и естественных наук  
Кафедра прикладной информатики

**ОТЧЕТ**  
**ПО ЛАБОРАТОРНОЙ РАБОТЕ № 3**

Дисциплина: Архитектура компьютера

Студент: Мягмар Уржиндорж

МОСКВА

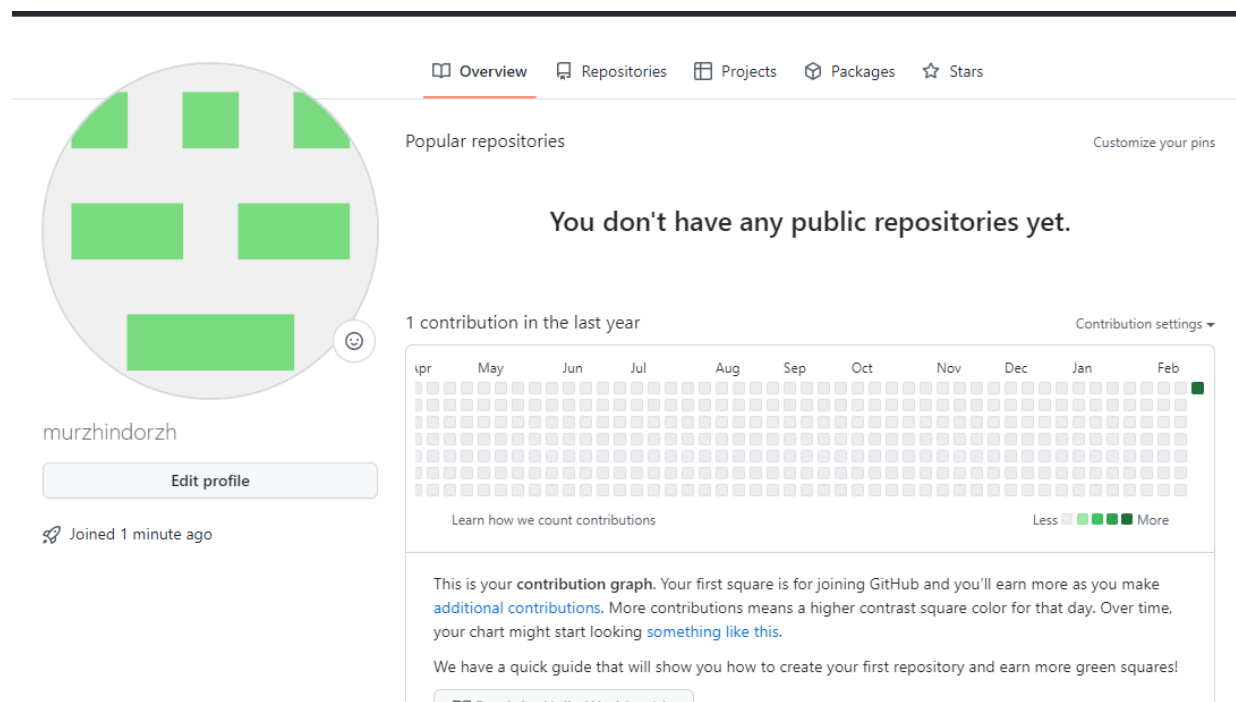
2023 г.

## Цель работы

Целью работы является изучить идеологию и применение средств контроля версий. Приобрести практические навыки по работе с системой git.

## Ход работы

Создаю учетную запись на GitHub




Создаю репозиторий на основе шаблона преподавателя

## Create a new repository from course-directory-student-template

The new repository will start with the same files and folders as [yamadharma/course-directory-student-template](#).

Owner \*

 murzhindorzh ▾

Repository name \*

arch-pc ✓

Great repository names are short and memorable. Need inspiration? How about [animated-happiness?](#)

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.



Include all branches

Copy all branches from yamadharma/course-directory-student-template and not just master.



You are creating a public repository in your personal account.


Create repository from template

## Конфигурация пользователя

```
murzhindorzh@fedora:~$ git config --global user.name "murzhindorzh"
murzhindorzh@fedora:~$ git config --global user.email "1032228006@pfur.ru"
murzhindorzh@fedora:~$ git config --global core.quotepath false
murzhindorzh@fedora:~$ git config --global init.defaultBranch master
murzhindorzh@fedora:~$ git config --global core.autocrlf input
murzhindorzh@fedora:~$ git config --global core.safecrlf warn
murzhindorzh@fedora:~$
```

## SSH ключ для работы с репозиторием

```
murzhindorzh@fedora:~  
SHA256:qp23mqh4aHzsjmIJK68ubTDRQ0TGj5mkn06Nc4g1Ueg murzhindorzh 1032228006  
ru  
The key's randomart image is:  
+---[RSA 3072]-----+  
|oo .  
|+ . .  
| O .  
|* E  
|.B o S  
|= o .  
|+0+. .  
|00B+ + o.  
|XX0=o =o..  
+-----[SHA256]-----+  
[murzhindorzh@fedora ~]$ cat ~/.ssh/id_rsa.pub  
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQgQCkSl4oA5KHIpXRhieBJG53YtG85VwdDj/uU  
nVEkq2Dss7NY009DM2W5D/SvJLFhlyx0B8D7IRXSovqHYqg+8LtIVPfVT0FtlnpxAi73UGlEJB  
lssonB5EtVCRAJ+wm9lpbLq3hm8WccoP6upxdeDliIgfQoQwgFJ+f1wiwadZ70qi5/j+4hw1cz  
Nggx9BtIeqbQt0MijeN2++NS7BD/J9qppNFRSCneJfjtmJABpHNfHPzw2c9mRMwdDK0q7pQXxj  
NAdr6u+0kVjPjCXboVE80TtxTVU+A1UEm/OyUjBsc0i0DPz4ruLnB1HzI9LZStDs+Zh+a190Xl  
uFFIcMu6J5ulSRp0pIy5lPwqp5wxr37uF+Ulk0FrrI8f5+gvpQah/t4exZbiJeJ0snZ+gkFXgi  
P1PqNQE3M+ZuGiLZ6AMHiDeS22cFuj4fnZq+fHp0qfamyFJb5445RpT5YPy6cLm81JpgIMc= m  
dorz 1032228006@pfur.ru  
[murzhindorzh@fedora ~]$
```

 **murzhindorzh**  
Your personal account

[Go to your personal profile](#)

- [Public profile](#)
- [Account](#)
- [Appearance](#)
- [Accessibility](#)
- [Notifications](#)

Access


- [Billing and plans](#)
- [Emails](#)

### SSH keys

[New SSH key](#)

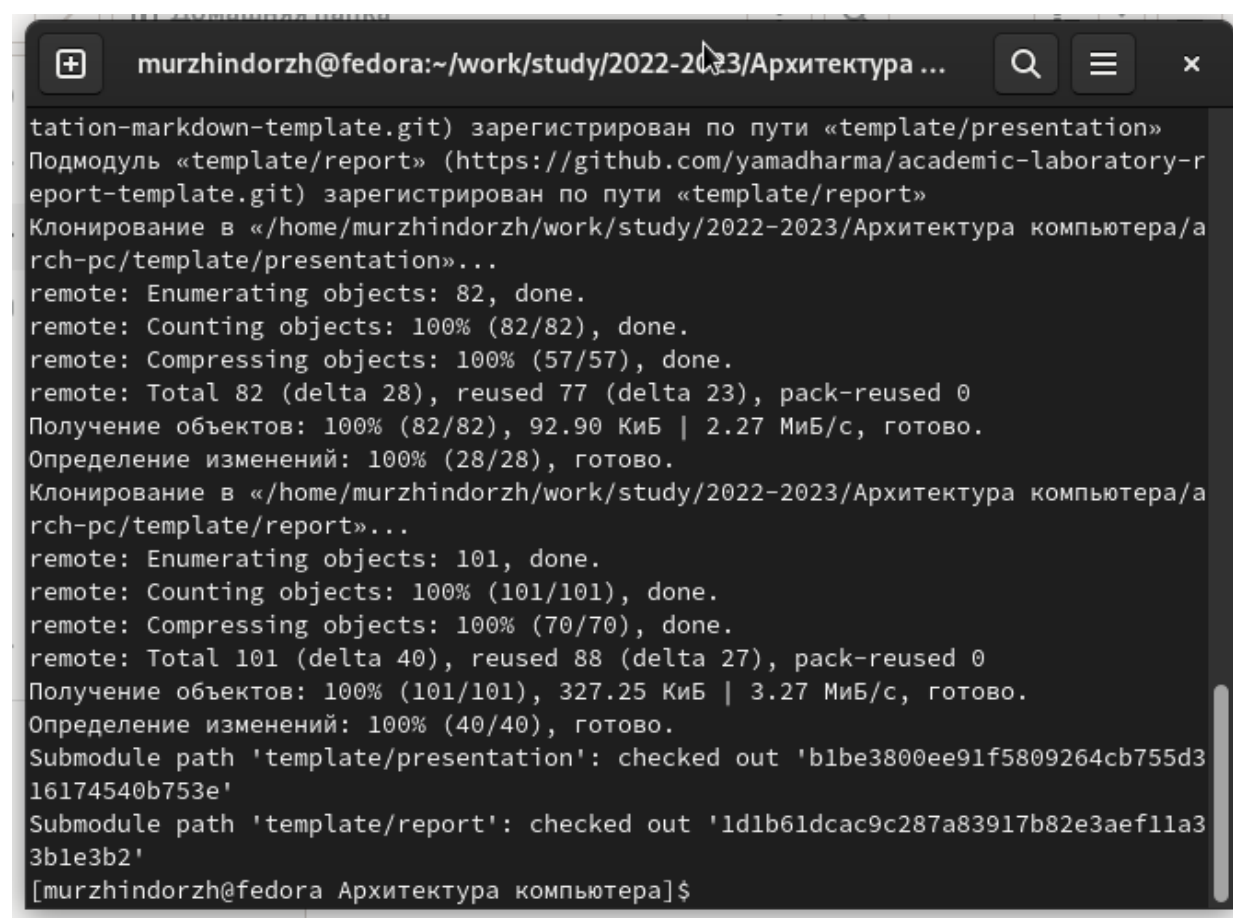
This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.

#### Authentication Keys

 1  
SSH  
SHA256:qp23mqh4aHzsjmIJK68ubTDRQ0TGj5mkn06Nc4g1Ueg  
Added on Feb 19, 2023  
Never used — Read/write  
[Delete](#)

Check out our guide to [generating SSH keys](#) or troubleshoot [common SSH problems](#).

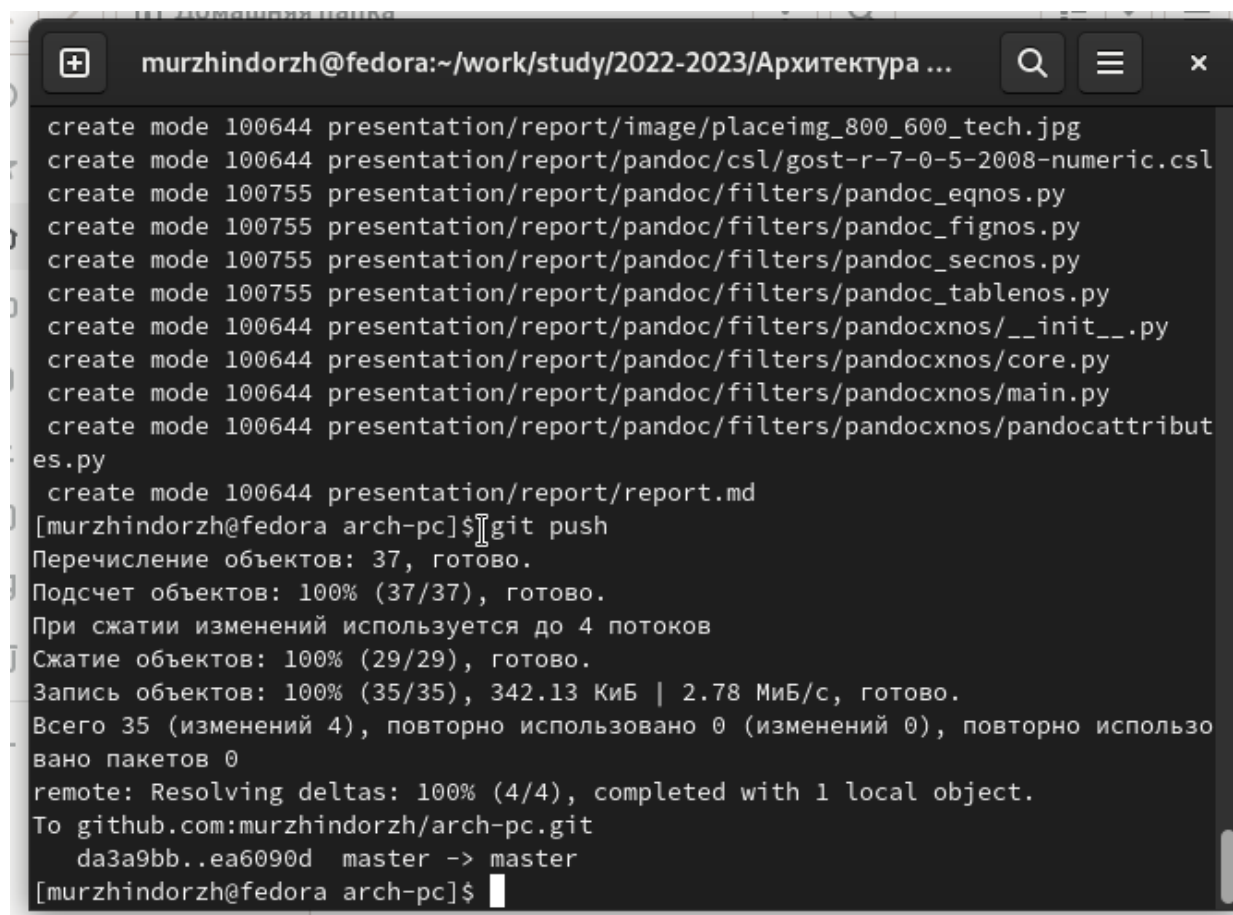
## Клонировали репозиторий на компьютер



A terminal window with a dark background and light text. The title bar shows the user 'murzhindorzh@fedora' and the current directory '~/work/study/2022-2023/Архитектура ...'. The terminal output shows the process of cloning a repository and its submodules. It includes progress bars for object counting and compression, and the final commit hashes for the submodules.

```
tation-markdown-template.git) зарегистрирован по пути «template/presentation»
Подмодуль «template/report» (https://github.com/yamadharma/academic-laboratory-r
eport-template.git) зарегистрирован по пути «template/report»
Клонирование в «/home/murzhindorzh/work/study/2022-2023/Архитектура компьютера/a
rch-pc/template/presentation»...
remote: Enumerating objects: 82, done.
remote: Counting objects: 100% (82/82), done.
remote: Compressing objects: 100% (57/57), done.
remote: Total 82 (delta 28), reused 77 (delta 23), pack-reused 0
Получение объектов: 100% (82/82), 92.90 КиБ | 2.27 МиБ/с, готово.
Определение изменений: 100% (28/28), готово.
Клонирование в «/home/murzhindorzh/work/study/2022-2023/Архитектура компьютера/a
rch-pc/template/report»...
remote: Enumerating objects: 101, done.
remote: Counting objects: 100% (101/101), done.
remote: Compressing objects: 100% (70/70), done.
remote: Total 101 (delta 40), reused 88 (delta 27), pack-reused 0
Получение объектов: 100% (101/101), 327.25 КиБ | 3.27 МиБ/с, готово.
Определение изменений: 100% (40/40), готово.
Submodule path 'template/presentation': checked out 'b1be3800ee91f5809264cb755d3
16174540b753e'
Submodule path 'template/report': checked out '1d1b61dcac9c287a83917b82e3aef11a3
3b1e3b2'
[murzhindorzh@fedora Архитектура компьютера]$
```

Оформили курс по шаблону и загрузили в сетевой репозиторий

A terminal window with a dark background and light text. The title bar shows the user 'murzhindorzh@fedora' and the current directory '~/work/study/2022-2023/Архитектура ...'. The terminal displays the execution of a 'git push' command. It lists several files being pushed, including a presentation report and various Pandoc filters. The output shows that 37 objects were pushed successfully, with a total size of 342.13 KiB. The commit is pushed to the 'master' branch of the repository 'murzhindorzh/arch-pc.git' on GitHub.

```
create mode 100644 presentation/report/image/placeimg_800_600_tech.jpg
create mode 100644 presentation/report/pandoc/csl/gost-r-7-0-5-2008-numeric.csl
create mode 100755 presentation/report/pandoc/filters/pandoc_eqnos.py
create mode 100755 presentation/report/pandoc/filters/pandoc_fignos.py
create mode 100755 presentation/report/pandoc/filters/pandoc_secnos.py
create mode 100755 presentation/report/pandoc/filters/pandoc_tablenos.py
create mode 100644 presentation/report/pandoc/filters/pandocxnos/__init__.py
create mode 100644 presentation/report/pandoc/filters/pandocxnos/core.py
create mode 100644 presentation/report/pandoc/filters/pandocxnos/main.py
create mode 100644 presentation/report/pandoc/filters/pandocxnos/pandocattributes.py
create mode 100644 presentation/report/report.md
[murzhindorzh@fedora arch-pc]$ git push
Перечисление объектов: 37, готово.
Подсчет объектов: 100% (37/37), готово.
При сжатии изменений используется до 4 потоков
Сжатие объектов: 100% (29/29), готово.
Запись объектов: 100% (35/35), 342.13 КиБ | 2.78 МиБ/с, готово.
Всего 35 (изменений 4), повторно использовано 0 (изменений 0), повторно использо
вано пакетов 0
remote: Resolving deltas: 100% (4/4), completed with 1 local object.
To github.com:murzhindorzh/arch-pc.git
   da3a9bb..ea6090d  master -> master
[murzhindorzh@fedora arch-pc]$
```

## Вывод:

В ходе выполнения работы изучили работу с GitHub.