

# РОССИЙСКИЙ УНИВЕРСИТЕТ ДРУЖБЫ НАРОДОВ

Факультет физико-математических и естественных наук

Кафедра прикладной информатики и теории вероятностей

## ОТЧЕТ

### ПО ЛАБОРАТОРНОЙ РАБОТЕ № 2

дисциплина:     *Архитектура компьютера*

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МОСКВА

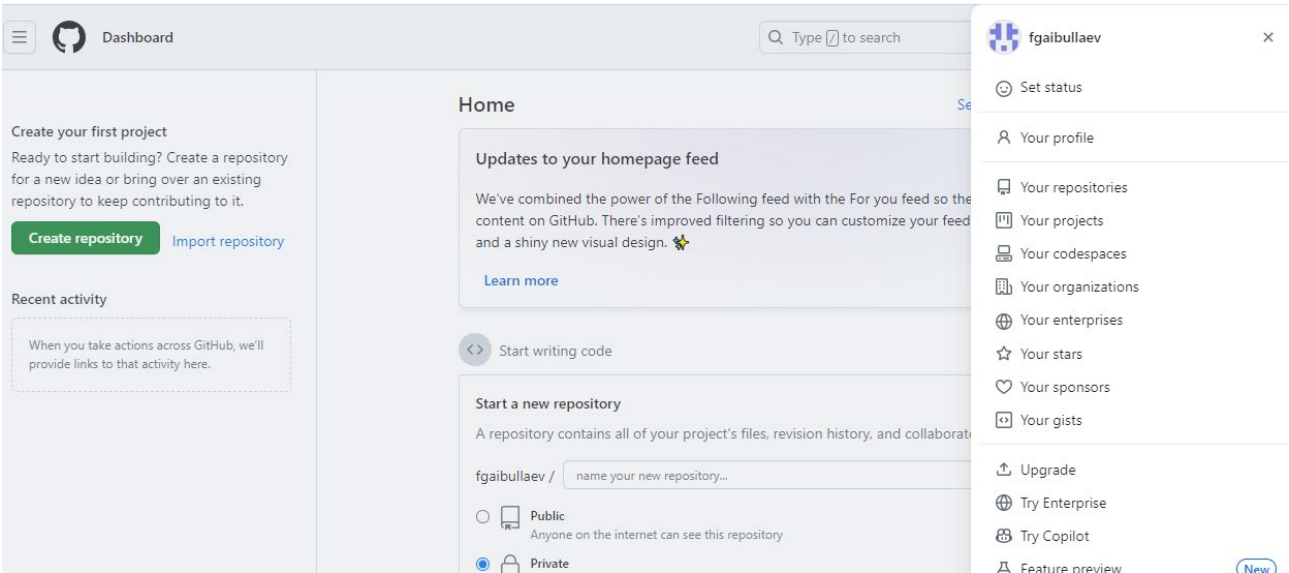
2023 г.

# Цель работы

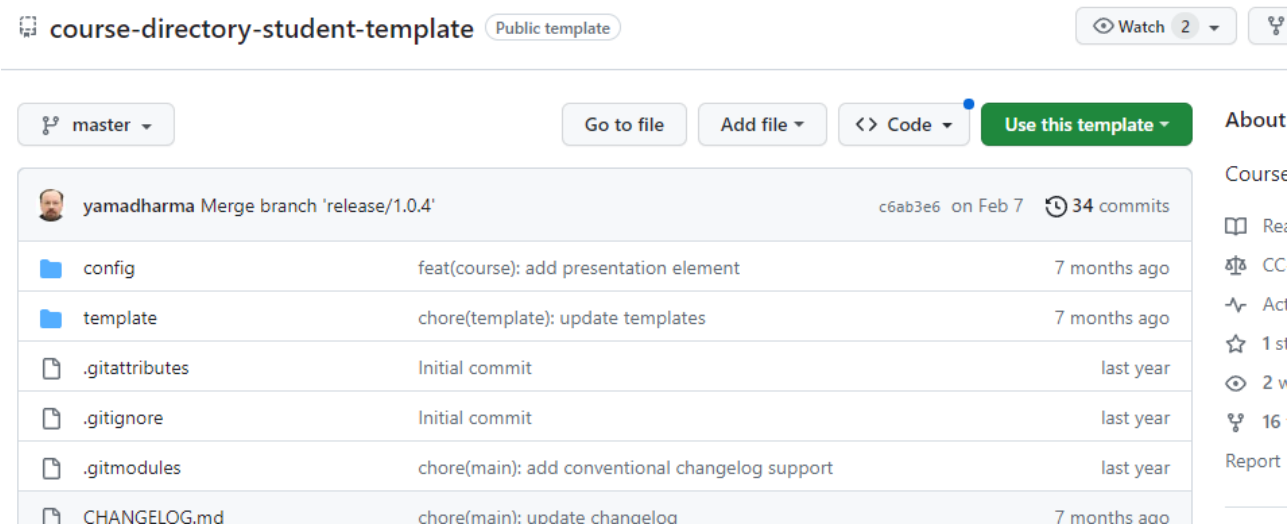
Целью работы является изучить идеологию и применение средств контроля версий. Приобрести практические навыки по работе с системой git.

# Ход работы

## Регистрируюсь на гитхабе




Нахожу шаблонный репозиторий и создаю из него свой.



## Create a new repository

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



Required fields are marked with an asterisk (\*).

Owner *	Repository name *
 fgaibullaev ▾	/ arch-pc
✔ arch-pc is available.	

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

Description (optional)

Архитектура компьютеров

- ☒  **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.

 You are creating a public repository in your personal account.

Create repository

Установил программу гит


Сначала сделаем предварительную конфигурацию git, создаю пользователя и ставлю параметры.

```
fgaibullaev@VirtualBox:~$  
fgaibullaev@VirtualBox:~$ git config --global user.name "fgaibullaev"  
fgaibullaev@VirtualBox:~$ git config --global user.email "1032214217@pfur.ru"  
fgaibullaev@VirtualBox:~$ git config --global core.quotepath false  
fgaibullaev@VirtualBox:~$ git config --global init.defaultBranch master  
fgaibullaev@VirtualBox:~$ git config --global core.autocrlf input  
fgaibullaev@VirtualBox:~$ git config --global core.safecrlf warn  
fgaibullaev@VirtualBox:~$
```

Далее создаю ключи для идентификации.

```
fgaibullaev@VirtualBox: ~$ ssh-keygen -C "fgaibullaev 1032214217@pfur.ru"
Generating public/private rsa key pair.
Enter file in which to save the key (/home/fgaibullaev/.ssh/id_rsa):
Created directory '/home/fgaibullaev/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/fgaibullaev/.ssh/id_rsa
Your public key has been saved in /home/fgaibullaev/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:ncIgm9B3eGUsElxhbZgFV+JUtiWPsMnVubu5Gzp6zckY fgaibullaev 1032214217@pfur.ru
The key's randomart image is:
+---[RSA 3072]---+
|      ..o=0Boo.. |
|      . oo+*+. . . |
|      . o +.oo.  * . |
|      . = = . . + + |
|      o  S o o . o |
|      .   o E. |
|      .+o |
|      . *= |
|      +** |
+-----[SHA256]-----+
fgaibullaev@VirtualBox:~$
```

И добавляю ключ в профиль на гитхабе



**fgaibullaev (fgaibullaev)**  
Your personal account

[Go to your personal profile](#)

- Public profile
- Account
- Appearance
- Accessibility
- Notifications

Access


- Billing and plans
- Emails
- Password and authentication

### 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



**key**  
SHA256:ncIgm9B3eGUsElxhbZgFV+JUtiWPsMnVubu5Gzp6zckY  
Added on Sep 23, 2023  
Never used — Read/write

Delete

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

Теперь я создаю рабочий каталог и клонирую туда репозиторий с гитхаба.

```
fgaibullaev@VirtualBox: ~/work/study/2023-2024/Архитект...
Resolving deltas: 100% (1/1), done.
Submodule 'template/presentation' (https://github.com/yamadharm/academic-presen
tation-markdown-template.git) registered for path 'template/presentation'
Submodule 'template/report' (https://github.com/yamadharm/academic-laboratory-r
eport-template.git) registered for path 'template/report'
Cloning into '/home/fgaibullaev/work/study/2023-2024/Архитектура компьютера/arch
-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
Cloning into '/home/fgaibullaev/work/study/2023-2024/Архитектура компьютера/arch
-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
Receiving objects: 100% (101/101), 327.25 KiB | 2.62 MiB/s, done.
Resolving deltas: 100% (40/40), done.
Submodule path 'template/presentation': checked out 'b1be3800ee91f5809264cb755d3
16174540b753e'
Submodule path 'template/report': checked out '1d1b61dcac9c287a83917b82e3aef11a3
3b1e3b2'
fgaibullaev@VirtualBox:~/work/study/2023-2024/Архитектура компьютера$
```

Создаю курс

Отправляю в гитхаб

```
fgaibullaev@VirtualBox: ~/work/study/2023-2024/Архитект...
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/pandocattribut
es.py
create mode 100644 presentation/report/report.md
fgaibullaev@VirtualBox:~/work/study/2023-2024/Архитектура компьютера/arch-pc$ gi
t push
Enumerating objects: 37, done.
Counting objects: 100% (37/37), done.
Delta compression using up to 6 threads
Compressing objects: 100% (29/29), done.
Writing objects: 100% (35/35), 342.13 KiB | 2.59 MiB/s, done.
Total 35 (delta 4), reused 0 (delta 0)
remote: Resolving deltas: 100% (4/4), completed with 1 local object.
To github.com:fgaibullaev/arch-pc.git
325638b..e1be488 master -> master
fgaibullaev@VirtualBox:~/work/study/2023-2024/Архитектура компьютера/arch-pc$
```

**Вывод:**

В ходе выполнения работы изучили работу с GitHub.