

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

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

Дисциплина: Архитектура компьютера

Студент: Хусейнов Шухрат Наимжонович

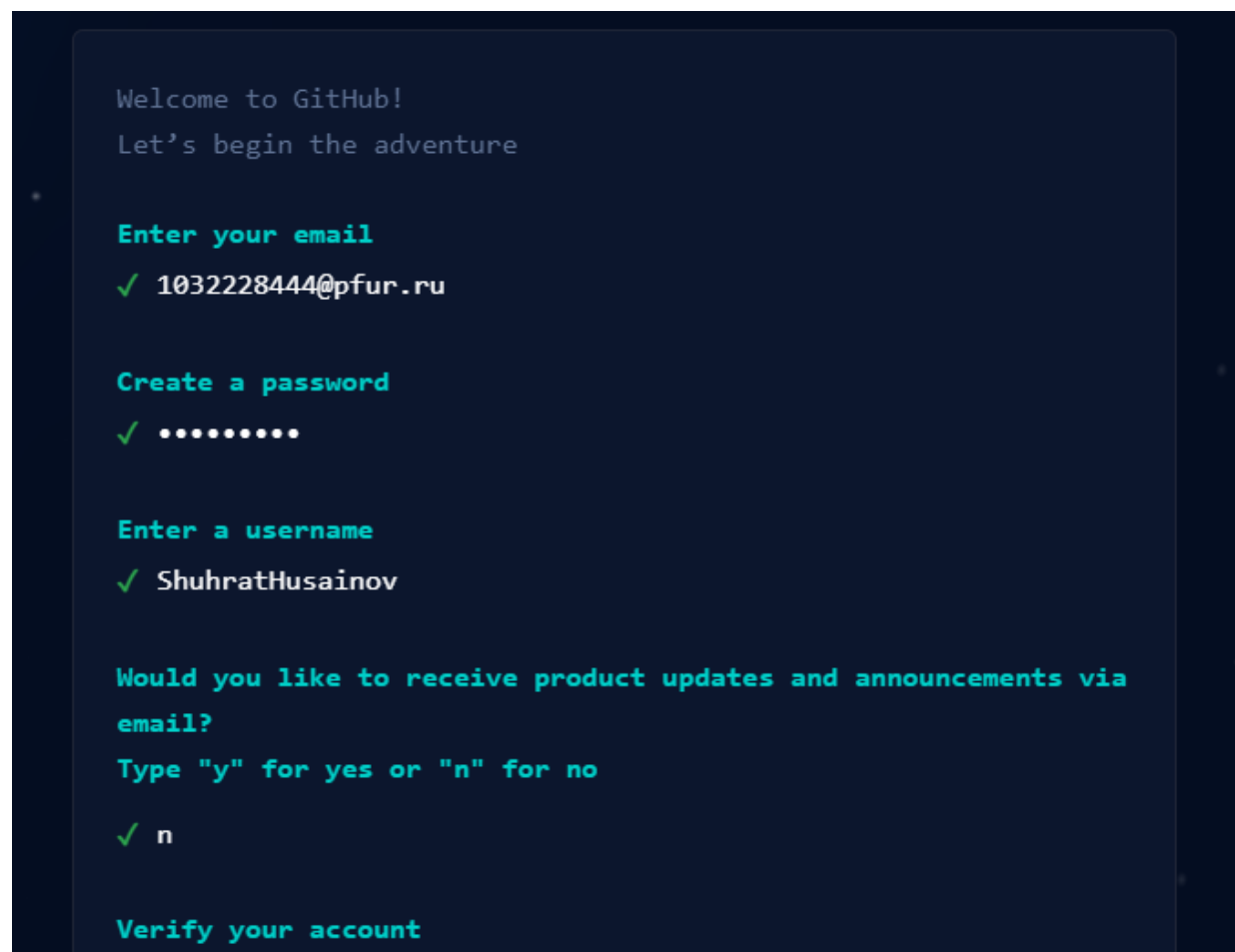
МОСКВА  
2022 г.

## 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 \*

 ShuhratHusainov ▾

Repository name \*

/ arch-pc ✓

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

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

```
snhusainov@VirtualBox: ~  
snhusainov@VirtualBox:~$ git config --global user.name "ShuhratHusainov"  
snhusainov@VirtualBox:~$ git config --global user.email "1032228444@pfur.ru"  
snhusainov@VirtualBox:~$  
snhusainov@VirtualBox:~$ git config --global core.quotepath false  
snhusainov@VirtualBox:~$ git config --global init.defaultBranch master  
snhusainov@VirtualBox:~$ git config --global core.autocrlf input  
snhusainov@VirtualBox:~$ git config --global core.safecrlf warn  
snhusainov@VirtualBox:~$
```

## SSH ключ для работы с репозиторием


```
snhusainov@VirtualBox:~$ ssh-keygen -C "ShuhratHusainov 1032228444@pfur.ru"
Generating public/private rsa key pair.
Enter file in which to save the key (/home/snhusainov/.ssh/id_rsa):
Created directory '/home/snhusainov/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/snhusainov/.ssh/id_rsa
Your public key has been saved in /home/snhusainov/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:ie5j9XgppRZVE6b9NOCA17jfcBrZvsYkOWqT2nz6GtE ShuhratHusainov 1032228444@pfur.ru
The key's randomart image is:
+---[RSA 3072]---+
|                |
| ..O+..         |
| . O*+..        |
| ..OO+O         |
| . .O.+OO..     |
| . S...EO..     |
| . O ..*+       |
| .. *.+ = ..    |
| .O =oO.. +     |
| ..O.==*..     |
+---[SHA256]-----+
snhusainov@VirtualBox:~$
```

## 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

SHA256:ie5j9XgppRZVE6b9NOCA17jfcBrZvsYkOWqT2nz6GtE

Added on Dec 29, 2022

Never used — Read/write

Delete

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

## Клонировали репозиторий на компьютер

```
snhusainov@VirtualBox: ~/work/study/2022-2023/Архитект...
The authenticity of host 'github.com (140.82.121.3)' can't be established.
ECDSA key fingerprint is SHA256:p2QAMXNIC1TJYWeIOttrVc98/R1BUFWu3/LiyKgUfQM.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'github.com,140.82.121.3' (ECDSA) to the list of know
n hosts.
remote: Enumerating objects: 26, done.
remote: Counting objects: 100% (26/26), done.
remote: Compressing objects: 100% (25/25), done.
remote: Total 26 (delta 0), reused 17 (delta 0), pack-reused 0
Receiving objects: 100% (26/26), 16.39 KiB | 3.28 MiB/s, 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/snhusainov/work/study/2022-2023/Архитектура компьютера/arch-
pc/template/presentation'...
remote: Enumerating objects: 71, done.
remote: Counting objects: 100% (71/71), done.
remote: Compressing objects: 100% (49/49), done.
remote: Total 71 (delta 23), reused 68 (delta 20), pack-reused 0
Cloning into '/home/snhusainov/work/study/2022-2023/Архитектура компьютера/arch-
pc/template/report'...
remote: Enumerating objects: 78, done.
remote: Counting objects: 100% (78/78), done.
remote: Compressing objects: 100% (52/52), done.
remote: Total 78 (delta 31), reused 69 (delta 22), pack-reused 0
Submodule path 'template/presentation': checked out '2703b47423792d472694aaf7555
a5626dce51a25'
Submodule path 'template/report': checked out 'df7b2ef80f8def3b9a496f8695277469a
1a7842a'
snhusainov@VirtualBox:~/work/study/2022-2023/Архитектура компьютера$
```

Оформили курс по шаблону и загрузили в сетевой репозиторий

```
snhusainov@VirtualBox: ~/work/study/2022-2023/Архитект...
create mode 100644 labs/lab09/report/report.md
create mode 100644 labs/lab10/presentation/Makefile
create mode 100644 labs/lab10/presentation/image/kulyabov.jpg
create mode 100644 labs/lab10/presentation/presentation.md
create mode 100644 labs/lab10/report/Makefile
create mode 100644 labs/lab10/report/bib/cite.bib
create mode 100644 labs/lab10/report/image/placeimg_800_600_tech.jpg
create mode 100644 labs/lab10/report/pandoc/csl/gost-r-7-0-5-2008-numeric.csl
create mode 100644 labs/lab10/report/report.md
create mode 100644 labs/lab11/presentation/Makefile
create mode 100644 labs/lab11/presentation/image/kulyabov.jpg
create mode 100644 labs/lab11/presentation/presentation.md
create mode 100644 labs/lab11/report/Makefile
create mode 100644 labs/lab11/report/bib/cite.bib
create mode 100644 labs/lab11/report/image/placeimg_800_600_tech.jpg
create mode 100644 labs/lab11/report/pandoc/csl/gost-r-7-0-5-2008-numeric.csl
create mode 100644 labs/lab11/report/report.md
delete mode 100644 package.json
create mode 100644 prepare
snhusainov@VirtualBox:~/work/study/2022-2023/Архитектура компьютера/arch-pc$ git
push
Enumerating objects: 22, done.
Counting objects: 100% (22/22), done.
Delta compression using up to 6 threads
Compressing objects: 100% (16/16), done.
Writing objects: 100% (20/20), 310.95 KiB | 2.41 MiB/s, done.
Total 20 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:ShuhratHusainov/arch-pc.git
 27418e4..f58bef4  master -> master
snhusainov@VirtualBox:~/work/study/2022-2023/Архитектура компьютера/arch-pc$
```

## Вывод:

В ходе выполнения работы изучили работу с GitHub.