-

№ 2

:

:

: -01-24
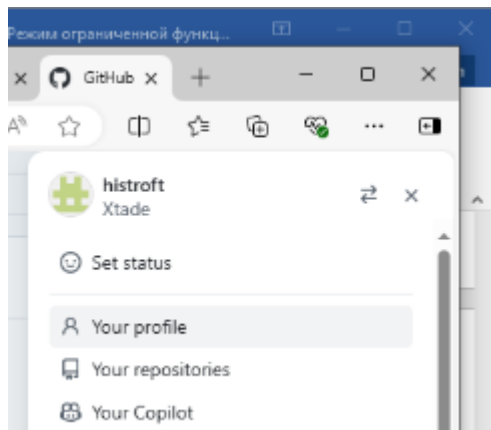
2024 .

, git.

1.

    1.   **GitHub**

1.   GitHub.

.

.1:   Github

    2.   **Git**

    3.   git.   git config –global user.name "",   git config – global user.email "work@mail", .

.2

4.   utf-8   git

.3

3.   «master»

.4

4.   autocrlf   input,   Linux,
CRLF   LF   . CR   LF –   ,
              .   safecrlf   warn,   Git
         .   warn Git   ,
       .

.5

5.   **SSH-**

6.   (
).   ssh-keygen -C "   , work@email",
       .   ~/.ssh/.
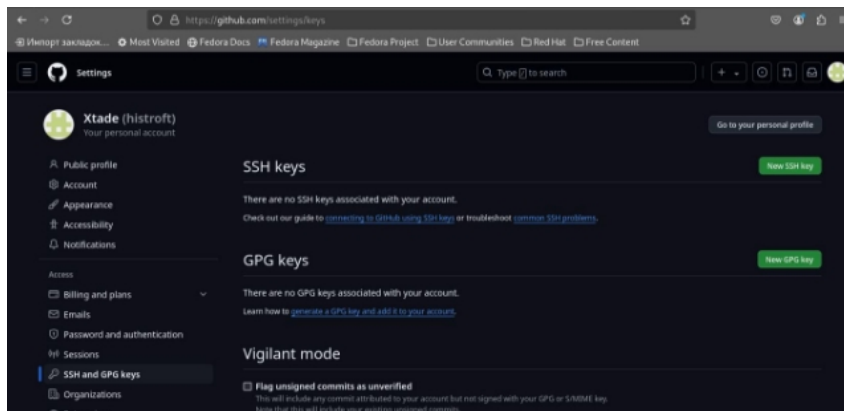
.6

2.   ,   ,   xclip

.7

3.   ,   GitHub.   «SSH and GPG keys».   «New SSH key»
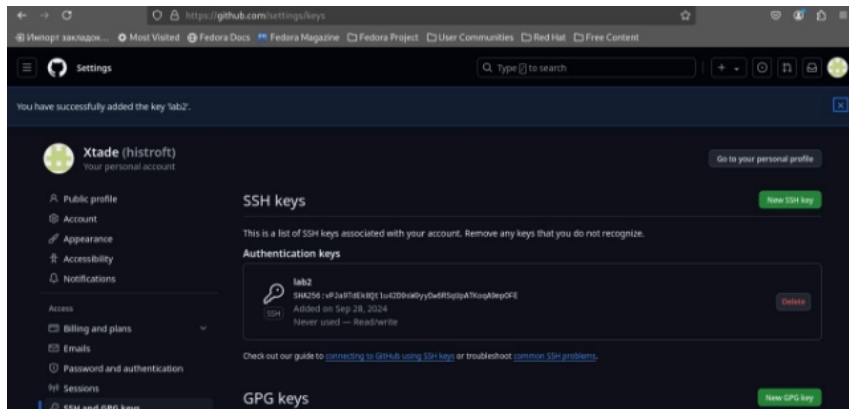

.8

4.   «Key».   Title   .   «Add SSH-key»,

.9
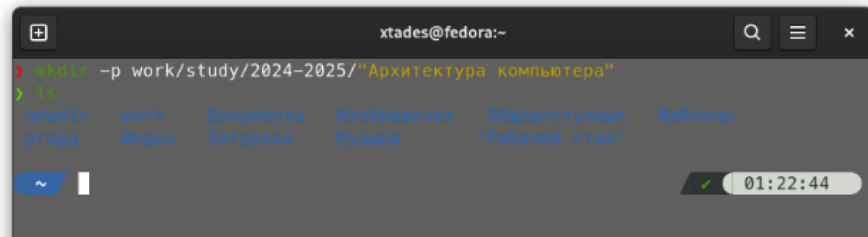
5.

1.   ,   ,   mkdir,   -p
~/work/study/2022- 2023/"   "   .   ls,
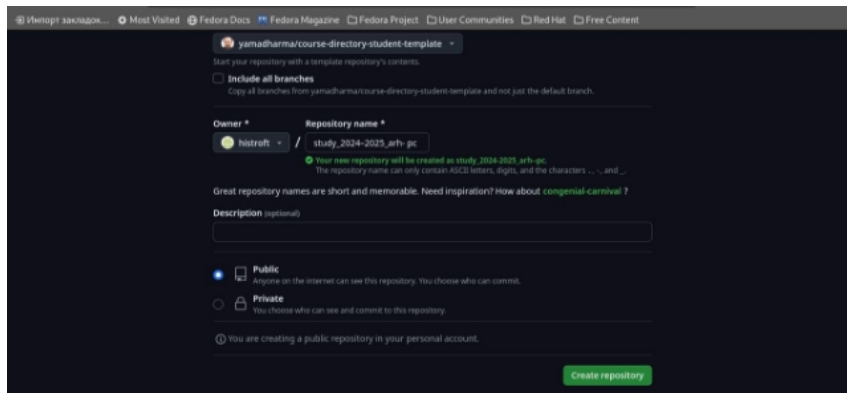

.10

3).

1.   https://github.com/yamad-
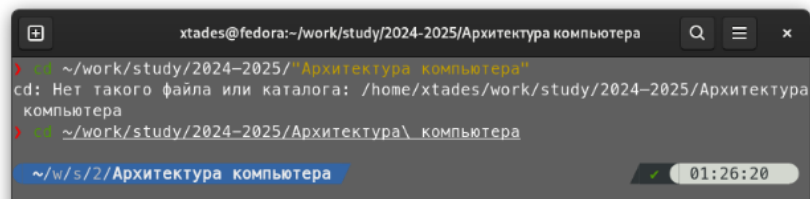harma/course-directory-student- template.   «Use this template»,

.11

2.   cd

.12

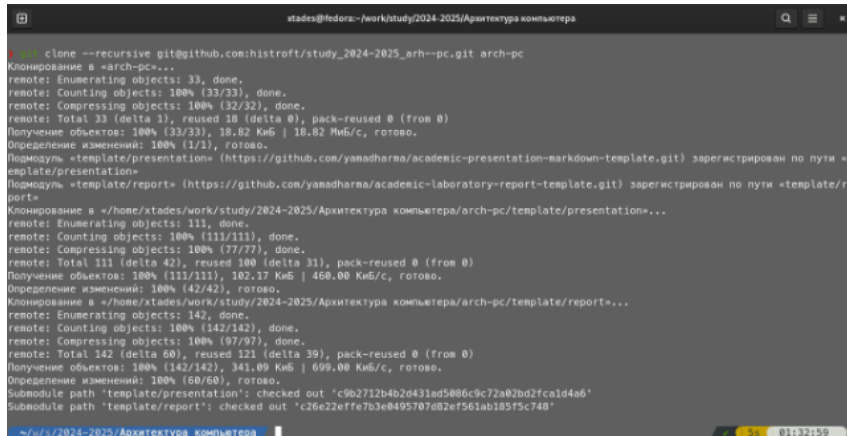3.   git clone – recursive   ,
                              ,   «code»,
«SSH»

.13

4.

5.   rm

xtades@fedora:~/work/study/2024-2025/Архитектура компьютера/arch-pc

```
> cd ~/work/study/2024-2025/Архитектура\ компьютера/arch-pc
> rm package.json
~/w/s/2/A/arch-pc   master !1          ✓  04:33:02
```

. 14

6.

xtades@fedora:~/work/study/2024-2025/Архитектура компьютера/arch-pc

```
> cd ~/work/study/2024-2025/Архитектура\ компьютера/arch-pc
> echo arch-pc > COURSE
> echo arch-pc > COURSE make
> echo arch-pc > make
~/w/s/2/A/arch-pc   master !2 ?1          ✓  04:36:45
```

. 15

3.   :   git add,   git commit


```
> git commit -am 'feat(main): make course structure'
[master 4c4a025] feat(main): make course structure
 3 files changed, 2 insertions(+), 14 deletions(-)
 create mode 100644 make
 delete mode 100644 package.json
> git push
Перечисление объектов: 6, готово.
Подсчет объектов: 100% (6/6), готово.
При сжатии изменений используется до 4 потоков
Сжатие объектов: 100% (2/2), готово.
Запись объектов: 100% (4/4), 332 байта | 332.00 КиБ/с, готово.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:histroft/study_2024-2025_arh--pc.git
   94b0a86..4c4a025  master -> master
~/w/s/2/A/arch-pc  master          ✓  04:39:52
```

. 16

4.   ,   2   ,   ,   "make",   ,

. 17

5.   ,   make   "makefile"   2,
                                          cd,   arch-pc   ,   ,
          3

. 18**

. 19
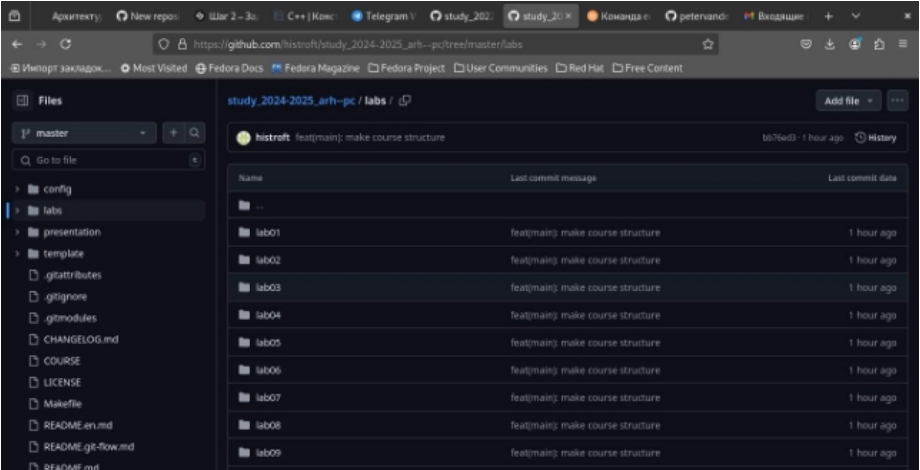
6.   GitHub

. 20

6.   .

1.

```
4c4a025..bb76ed3  master -> master

~/Первая/Лаб/Работа/Лаптев.pdf work/study/2024-2025/Архитектура\ компьютера/arch-pc/labs/lab01/report/
```

. 21

(,   GitHub   3
5   )

7.

Git, GitHub,

,   .

8.

- (VCS) —   ,
  .   ,   ,
  .

- :   ,   .

  Commit: ,   ,   .   :
                  ,   .

              :   ,   .

- VCS   ,   (, Subver-
  sion).   VCS   (,
  Git).

- ,   ,
  .

- ,   ,
  ,   pull   push   .

- Git: ,   ,   ,
  .

- git init   git pull   (   )

                                git push

              git status   git diff
              git add .   /   /   git add   _
                              /   /   git rm   _   /
                          (/   ) git commit
      -am '   ,   git checkout -b
          _   ,   git checkout   _
              (,   )
  git push origin   _   git merge
  –no-ff   _   git branch -d   _

git branch -D ＿ git push
origin : ＿

- ＿ ： 1. ＿ : git init 2. ＿ : git add .
3. ＿ : git commit -m "＿"
＿ ： 1. ＿ : git clone
GitHub 2. ＿ : git push origin main 3.
＿ : git pull origin main 14