

LAB REPORT No. 2

discipline: Computer architecture

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DESCRIPTION OF THE RESULTS OF COMPLETION OF TASKS

Work order

1. I open a terminal and enter commands, specify the username and email address

```
[liveuser@localhost-live ~]$ git config --global user.name "<namkhanh2708>"
dress [liveuser@localhost-live ~]$ git config --global user.email "<vuongnamkhanh2708@gmail.com>"
```

```
[liveuser@localhost-live ~]$ git config --global core.quotepath false
[liveuser@localhost-live ~]$
```

2. I have configured utf-8 in git message output

```
[liveuser@localhost-live ~]$ git config --global init.defaultBranch main
[liveuser@localhost-live ~]$
```

3. I will set the name of the initial branch

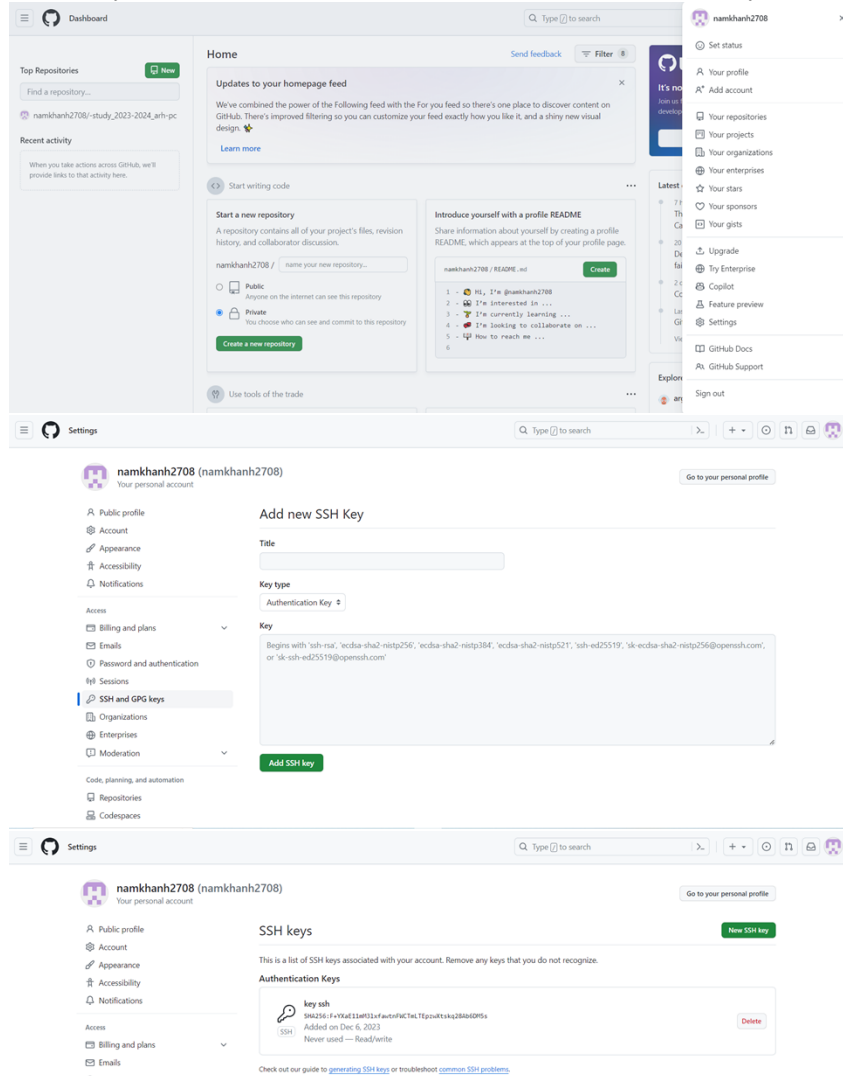
```
[liveuser@localhost-live ~]$ git config --global init.defaultBranch main
[liveuser@localhost-live ~]$ git config --global init.defaultBranch main
[liveuser@localhost-live ~]$
```

4. I enter the autocrlf parameter and the safecrlf parameter

5. To further identify the user on the repository server, I generate a key pair

```
[liveuser@localhost-live ~]$ ssh-keygen -C "vuongnamkhanh"
Generating public/private rsa key pair.
Enter file in which to save the key (/home/liveuser/.ssh/id_rsa):
Created directory '/home/liveuser/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/liveuser/.ssh/id_rsa
Your public key has been saved in /home/liveuser/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:AD7/D1EB15xTTY0u6JwyM9HHQ9hRbD0NBVogkcpw/1k vuongnamkhanh
The key's randomart image is:
-----[RSA 3072]-----+
.  ++o =o+=Bo
...o o*.o.=,+
+oo. ...=.o .
oo.o. E = .
o.S+ o o
oB +
. . =
o
.
-----[SHA256]-----+
[liveuser@localhost-live ~]$
```

6. Then I download the generated public key. I went to <http://github.org/>, went to Menu and went to settings. After that, select SSH and GPG keys in the side menu and click the New SSH key button



7. Go to the repository page with the course template <https://github.com/yamadharma/cour>


se-directory-student-template and select Use this template.

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 (*).

Repository template


 yamadhama/course-directory-student-template

Start your repository with a template repository's contents.

☐ Include all branches

Copy all branches from yamadhama/course-directory-student-template and not just the default branch.

Owner *

 namkhanh2708

Repository name *

study_2023-2024_arhpd

✓ Your new repository will be created as study_2023-2024_arhpc.
The repository name can only contain ASCII letters, digits, and the characters ., -, and _.

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

Description (optional)

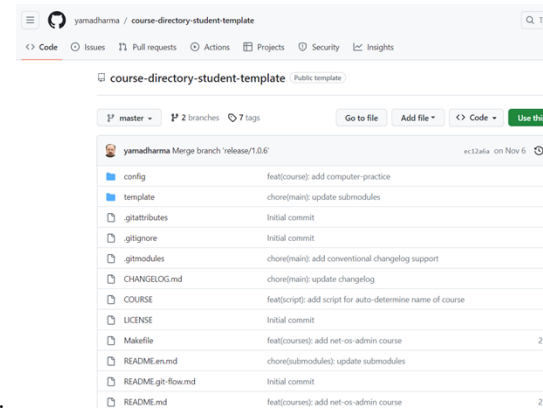
☒ Public

Anyone on the internet can see this repository. You choose who can commit.

☐ Private

You choose who can see and commit to this repository.

① You are creating a public repository in your personal account.



8. I opened a terminal and navigated to the course folder:

```
[vuongnamkhanh@fedora ~]$ cd work
[vuongnamkhanh@fedora work]$ cd study
[vuongnamkhanh@fedora study]$ cd 2023-2024
[vuongnamkhanh@fedora 2023-2024]$ cd Arch
[vuongnamkhanh@fedora Architecture_Compute
```

```
[vuongnamkhanh@fedora Architecture_Computer]$ git clone --recursive git@github.com:namkhanh2708/-study_2023-2024_arch-pc.git arch-pc
Cloning into 'arch-pc'...
remote: Enumerating objects: 65, done.
remote: Counting objects: 100% (65/65), done.
remote: Compressing objects: 100% (53/53), done.
remote: Total 65 (delta 6), reused 46 (delta 4), pack-reused 0
Receiving objects: 100% (65/65), 359.70 KiB | 533.00 KiB/s, done.
Resolving deltas: 100% (6/6), done.
Submodule 'template/presentation' (https://github.com/yamadharma/academic-presentation-markdown-template.git) registered for path 'template/presentation'
Submodule 'template/report' (https://github.com/yamadharma/academic-laboratory-report-template.git) registered for path 'template/report'
Cloning into '/home/vuongnamkhanh/work/study/2023-2024/Architecture_Computer/arch-pc/template/presentation'...
remote: Enumerating objects: 95, done.
remote: Counting objects: 100% (95/95), done.
remote: Compressing objects: 100% (67/67), done.
remote: Total 95 (delta 34), reused 87 (delta 26), pack-reused 0
Receiving objects: 100% (95/95), 96.99 KiB | 973.00 KiB/s, done.
Resolving deltas: 100% (34/34), done.
Cloning into '/home/vuongnamkhanh/work/study/2023-2024/Architecture_Computer/arch-pc/template/report'...
```

9. I clone the created repository:

```
[vuongnamkhanh@fedora Architecture_Computer]$ ls
arch-pc
[vuongnamkhanh@fedora Architecture_Computer]$ ls arch-pc/
CHANGELOG.md  cpp      Makefile  README.en.md  template
config        labs     prepare  README.git-flow.md
COURSE        LICENSE  presentation  README.md
```

10. I will go to the course directory, delete unnecessary files, create the necessary directories and upload the files to the server

```
[vuongnamkhanh@fedora Architecture_Computer]$ cd arch-pc/
[vuongnamkhanh@fedora arch-pc]$ rm package.json
rm: cannot remove 'package.json': No such file or directory
[vuongnamkhanh@fedora arch-pc]$ echo arch-pc > COURSE
[vuongnamkhanh@fedora arch-pc]$ git add .
[vuongnamkhanh@fedora arch-pc]$ git commit -am 'feat(main): make course structure'
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
[vuongnamkhanh@fedora arch-pc]$ git push
Everything up-to-date
```