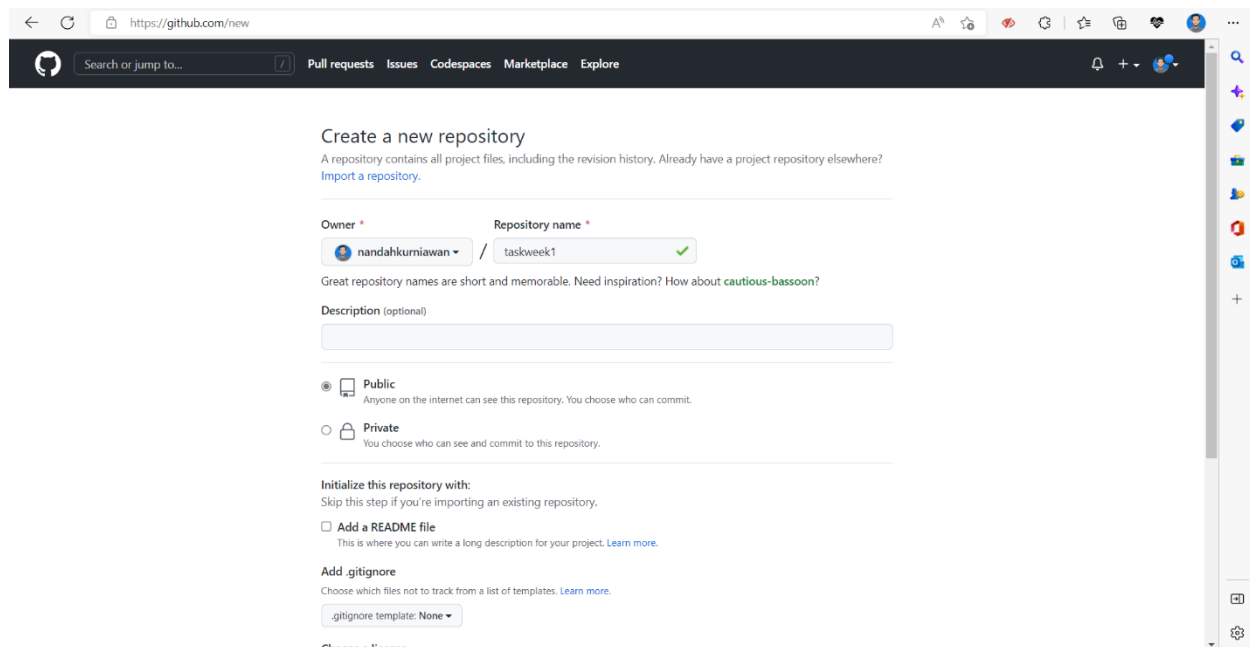


Hubungkan github ke server kalian  
Pertama, buat repository di github terlebih dahulu



Create a new repository

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

Owner \* nandahkurniawan / Repository name \* taskweek1 ✓

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

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.

Initialize this repository with:  
Skip this step if you're importing an existing repository.

☐ Add a README file  
This is where you can write a long description for your project. [Learn more.](#)

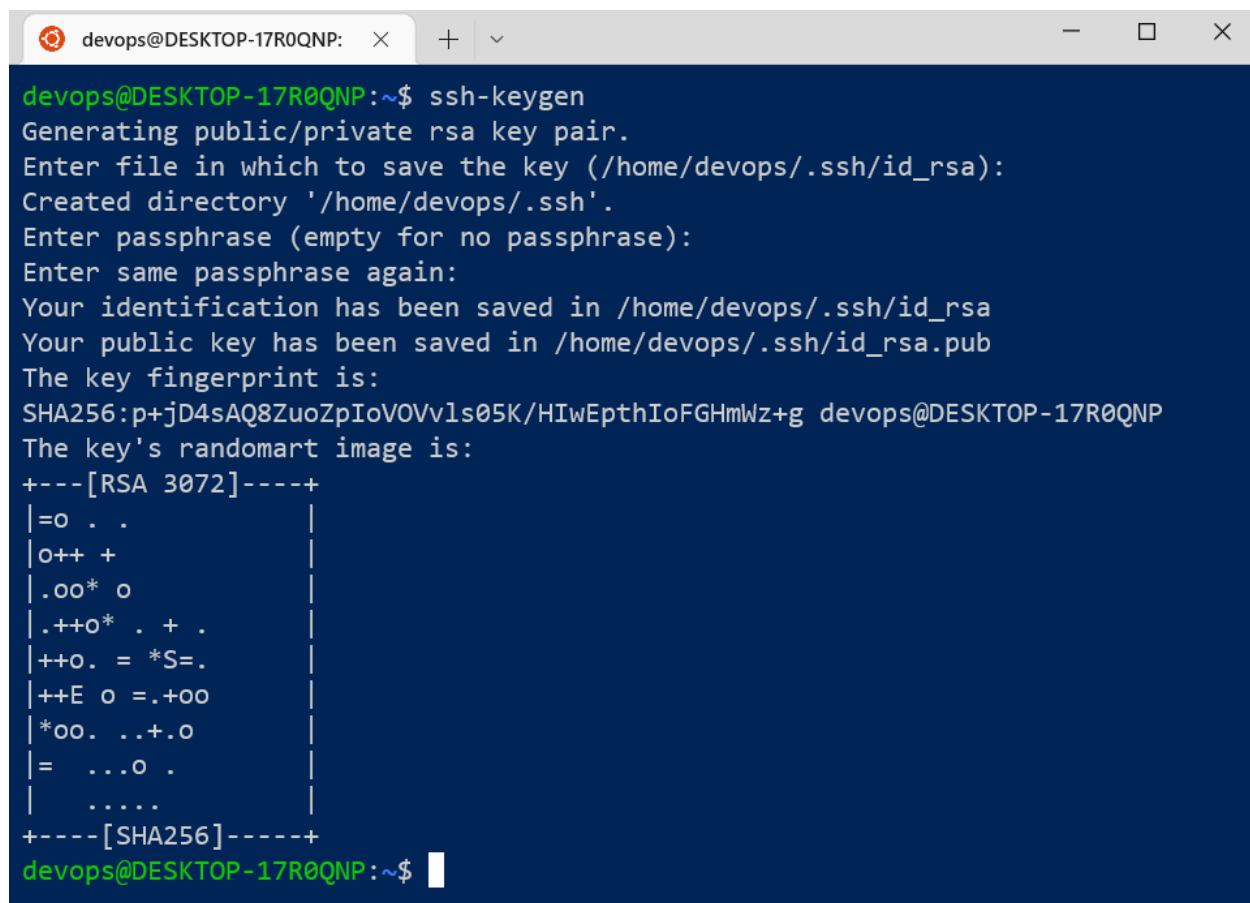
Add .gitignore  
Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: None

Choose a license

Lalu generate ssh keygen dengan menggunakan perintah:

ssh-keygen



```
devops@DESKTOP-17R0QNP: ~$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/home/devops/.ssh/id_rsa):
Created directory '/home/devops/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/devops/.ssh/id_rsa
Your public key has been saved in /home/devops/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:p+jD4sAQ8ZuoZpIoV0Vvls05K/HIwEpthIoFGHmWz+g devops@DESKTOP-17R0QNP
The key's randomart image is:
+---[RSA 3072]-----+
| =o . .
| o++ +
| .oo* o
| .++o* . + .
| ++o. = *S=.
| ++E o =.+oo
| *oo. ..+.o
| = ...o .
| .....
+-----[SHA256]-----+
devops@DESKTOP-17R0QNP: ~$
```

Tekan enter sebanyak 5x, setelah itu file ssh akan disimpan ke direktori /home/devops /.ssh/id\_rsa) setelah itu, kita perlu masuk ke direktori tersebut, dengan ketik perintah

cd .ssh

Lalu lihat isi dari file id\_rsa.pub dengan perintah

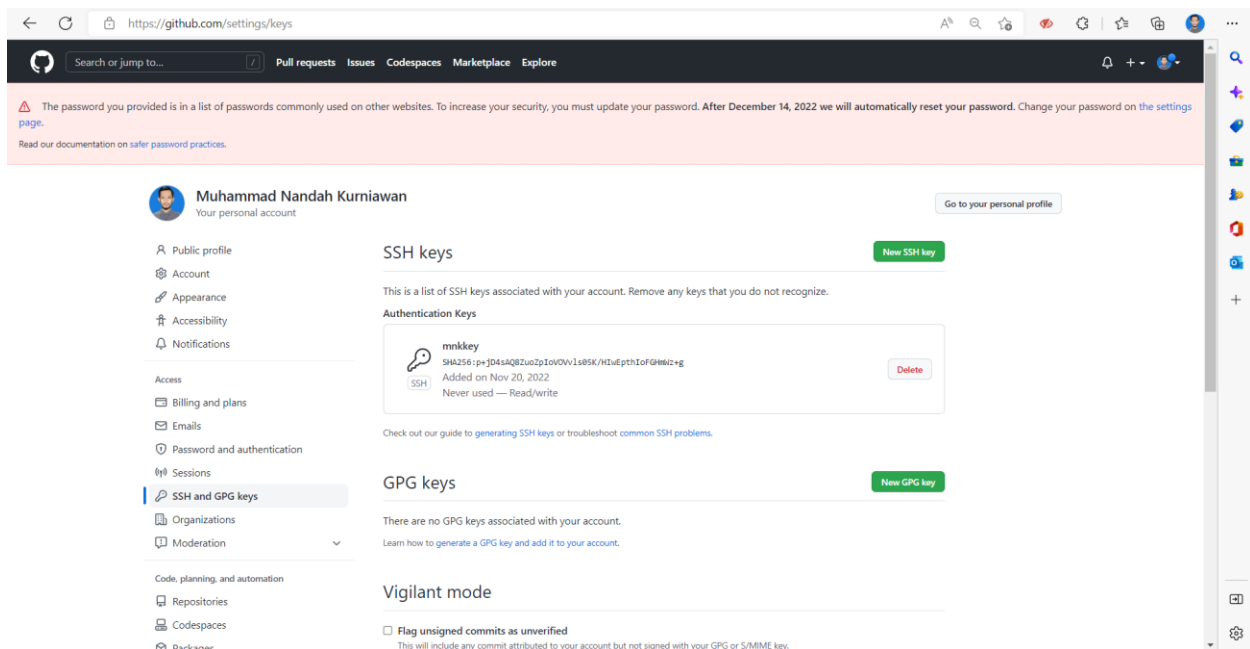
cat id\_rsa.pub

lalu kita copykan isi file dari id\_rsa.pub untuk di paste di github sebagai primary key

```
devops@DESKTOP-17R0QNP: ~$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/home/devops/.ssh/id_rsa):
Created directory '/home/devops/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/devops/.ssh/id_rsa
Your public key has been saved in /home/devops/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:p+jD4sAQ8ZuoZpIoVOVvls05K/HIwEpthIoFGHmWz+g devops@DESKTOP-17R0QNP
The key's randomart image is:
+---[RSA 3072]-----+
|o . . |
|o++ + |
|.oo* o |
|.++o* . + . |
|++o. = *S=. |
|++E o =. +oo |
|*oo. ..+.o |
|= ...o . |
| ..... |
+---[SHA256]-----+
devops@DESKTOP-17R0QNP: ~$ cat id_rsa.pub
cat: id_rsa.pub: No such file or directory
devops@DESKTOP-17R0QNP: ~$ cd .ssh
devops@DESKTOP-17R0QNP: ~/.ssh$ cat id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGC2vWRgOWwS1aKZdE7NvFN5cnondFhJQgi183XX
PXLAb34zcN+2hpUtET7PYskdF0tDqa1DQSSLc8EaHszrzcqbqu0Fln0fd/n52WEGjwIDohEoBy1Q1
tAmsfcvbkUvoraRS8hZaWEIn8+aLRBsZLP3vGv+yOhOVAXuWpvROg2NeB+3MfANuuUZT1TFjglx
bN5818nIcr1SPthNIeAL16vNZVkbjErDoJAw4Aeq9f4eekKZZBNA9La/PSaK+LP3uMpw8yDZm2W+
YnOa0u4hvK+CAHiQ0FvAZY/+k3TuuanZnsM6UF+4CELPZ+W1pp/sJCcj1TIn1ltKiK2MuI1uCLwq
zizIhk1lPQFpiY7+qXktMWrRGc83UwV+MEdC64yBS1P009kFNMjJTfQQY6HHWzy8IRkFRaHEKdBj
H3YMVdymCbLby5jkrjI6aD1ZBs8MZec7vHZXZjYQD+JOa511cr3Lsz4s+NIoKAQIuYU0RhHdSZFO
B625LJu2ORYEW3uy4fs= devops@DESKTOP-17R0QNP
devops@DESKTOP-17R0QNP: ~/.ssh$
```

Lalu kita masuk ke website github kita, klik profile picture di kanan atas, lalu klik settings, lalu SSH dan GPG keys, lalu klik new SSH keys, setelah itu masukan kode ssh kita di form keys, untuk title boleh diisi bebas image setelah itu klik add ssh keys

jika ssh keys berhasil, maka akan muncul tampilan kurang lebih seperti dibawah



setelah itu, kita perlu set up konfigurasi git terlebih dahulu. pertama kita perlu set up nama dan email git kita menggunakan perintah:

```
git config --global user.name "Muhammad Nandah Kurniawan"
git config --global user.email "nandahkurniawan@gmail.com"
git config --list
```

setelah itu, kita tes koneksi git kita ke github dengan menggunakan perintah:

```
ssh -T git@github.com
```

kita akan membuat sebuah proyek git lalu akan di push git hub, gunakan git init untuk menginisialisasi folder ke dalam git

```
git init
```

lalu saya akan buat sebuah file, lalu akan memasukannya ke staging area, dengan menggunakan perintah:

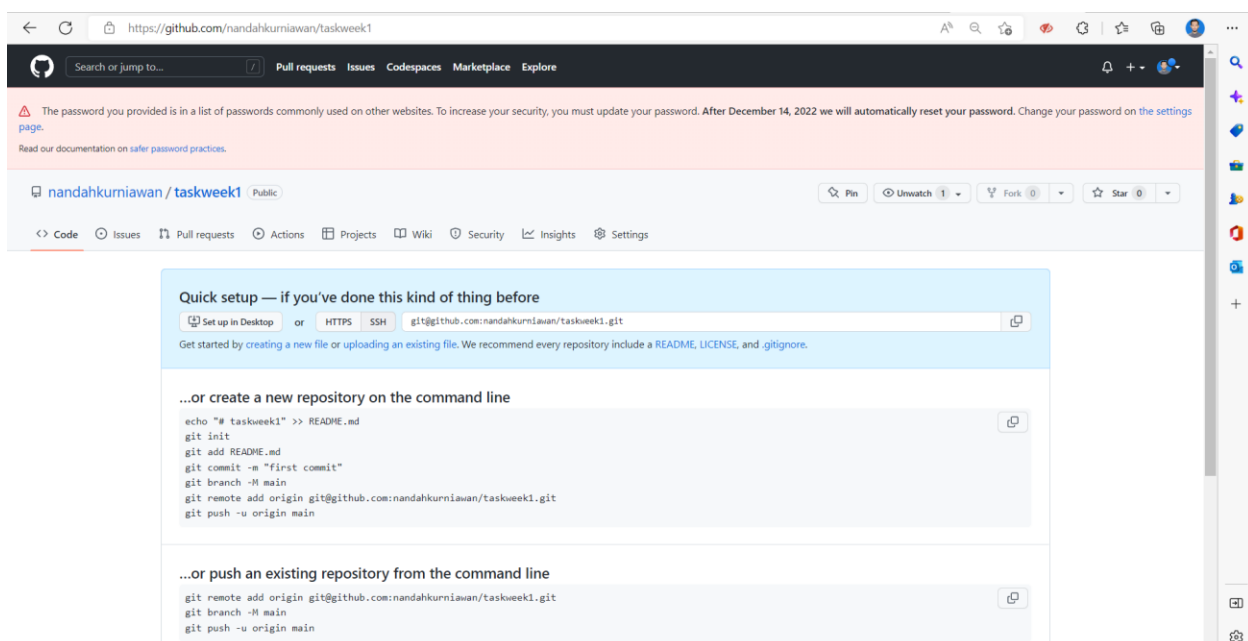
```
git add .
```

setelah itu saya akan commit untuk dimasukan ke repository github

```
git commit -m "first_commit"
```

```
devops@DESKTOP-17R0QNP: x + v
s@DESKTOP-17R0QNP
devops@DESKTOP-17R0QNP:~/.ssh$ git config --global user.name "Muhammad Nandah Kurniawan"
devops@DESKTOP-17R0QNP:~/.ssh$ git config --global user.email "nandahkurniawan@gmail.com"
devops@DESKTOP-17R0QNP:~/.ssh$ git config --list
user.name=Muhammad Nandah Kurniawan
user.email=nandahkurniawan@gmail.com
devops@DESKTOP-17R0QNP:~/.ssh$ ssh -T git@github.com
The authenticity of host 'github.com (20.205.243.166)' can't be established.
ED25519 key fingerprint is SHA256:+DiY3wvV6TuJJhbpZisF/zLDA0zPMSvHdKr4UvCOqU.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.
Hi nandahkurniawan! You've successfully authenticated, but GitHub does not provide shell access.
devops@DESKTOP-17R0QNP:~/.ssh$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint: git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint: git branch -m <name>
Initialized empty Git repository in /home/devops/.ssh/.git/
devops@DESKTOP-17R0QNP:~/.ssh$ git add .
devops@DESKTOP-17R0QNP:~/.ssh$ git commit -m "first_commit"
[master (root-commit) cf2a479] first_commit
 4 files changed, 43 insertions(+)
 create mode 100644 id_rsa
 create mode 100644 id_rsa.pub
 create mode 100644 known_hosts
 create mode 100644 known_hosts.old
devops@DESKTOP-17R0QNP:~/.ssh$
```

Setelah itu kembali ke website github, buka repository yang sudah dibuat, lalu klik ssh, lalu copy link tersebut



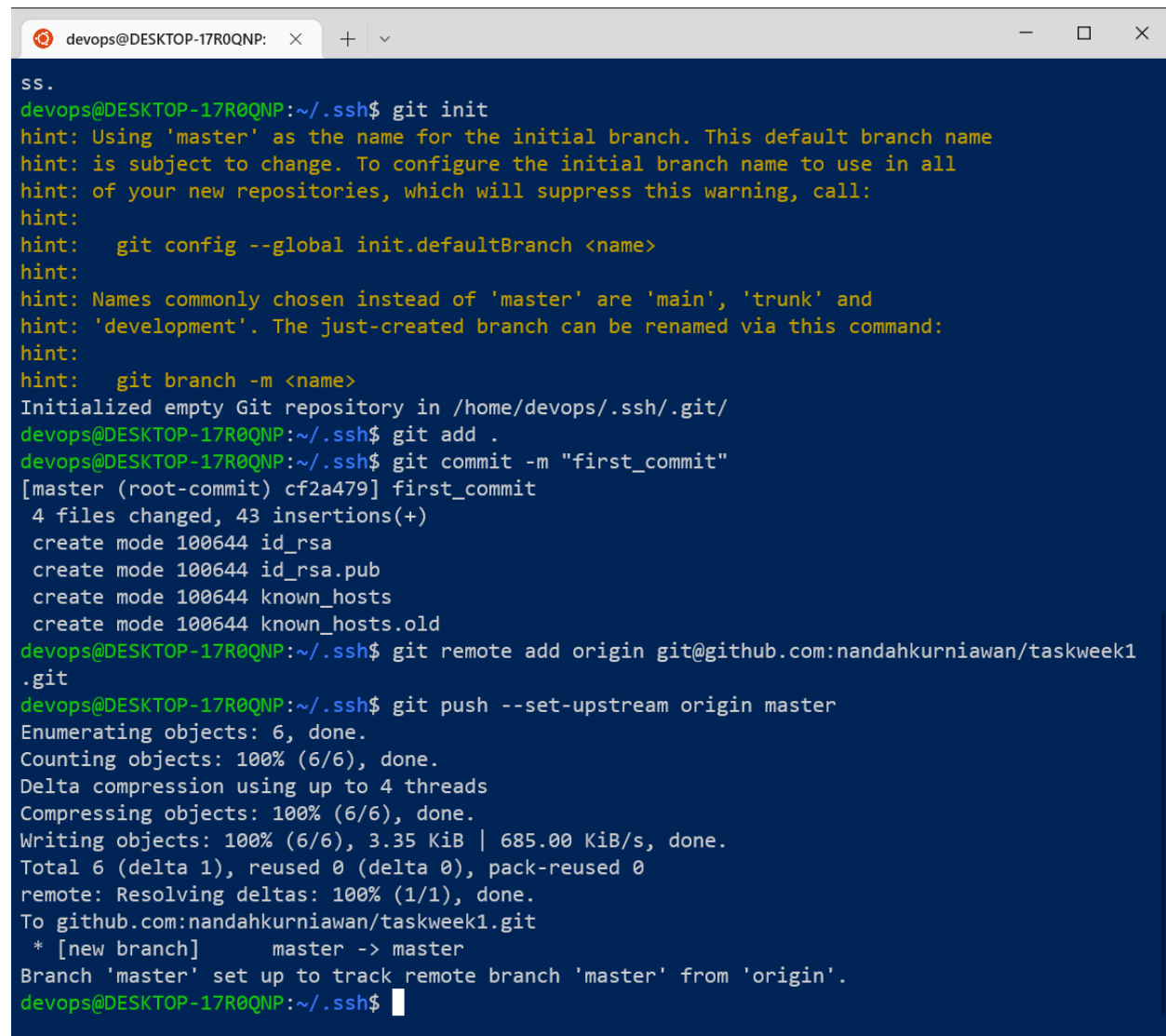
setelah itu, kita gunakan git remote untuk mengkoneksikan secara ssh dengan menggunakan perintah

```
git remote add origin link_repository_github
```

```
git remote add origin git@github.com:nandahkurniawan/taskweek1.git
```

setelah berhasil, kita bisa push file kita ke github dengan menggunakan perintah

```
git push --set-upstream origin master
```

A terminal window with a dark blue background and light green text. The window title is 'devops@DESKTOP-17R0QNP:'. The terminal shows the following sequence of commands and their outputs:  
1. `ss.`  
2. `devops@DESKTOP-17R0QNP:~/.ssh$ git init`  
 Output: `hint: Using 'master' as the name for the initial branch. This default branch name  
hint: is subject to change. To configure the initial branch name to use in all  
hint: of your new repositories, which will suppress this warning, call:  
hint:  
hint: git config --global init.defaultBranch <name>  
hint:  
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and  
hint: 'development'. The just-created branch can be renamed via this command:  
hint:  
hint: git branch -m <name>`  
 Then: `Initialized empty Git repository in /home/devops/.ssh/.git/`  
3. `devops@DESKTOP-17R0QNP:~/.ssh$ git add .`  
4. `devops@DESKTOP-17R0QNP:~/.ssh$ git commit -m "first_commit"`  
 Output: `[master (root-commit) cf2a479] first_commit  
4 files changed, 43 insertions(+)  
create mode 100644 id_rsa  
create mode 100644 id_rsa.pub  
create mode 100644 known_hosts  
create mode 100644 known_hosts.old`  
5. `devops@DESKTOP-17R0QNP:~/.ssh$ git remote add origin git@github.com:nandahkurniawan/taskweek1.git`  
6. `devops@DESKTOP-17R0QNP:~/.ssh$ git push --set-upstream origin master`  
 Output: `Enumerating objects: 6, done.  
Counting objects: 100% (6/6), done.  
Delta compression using up to 4 threads  
Compressing objects: 100% (6/6), done.  
Writing objects: 100% (6/6), 3.35 KiB | 685.00 KiB/s, done.  
Total 6 (delta 1), reused 0 (delta 0), pack-reused 0  
remote: Resolving deltas: 100% (1/1), done.  
To github.com:nandahkurniawan/taskweek1.git  
 * [new branch] master -> master  
Branch 'master' set up to track remote branch 'master' from 'origin'.`  
7. The prompt `devops@DESKTOP-17R0QNP:~/.ssh$` is shown at the bottom with a cursor.

Jika file berhasil terupload maka akan muncul tampilan seperti ini :

The screenshot shows a web browser displaying the GitHub repository page for 'nandahkurniawan/taskweek1'. The URL in the address bar is 'https://github.com/nandahkurniawan/taskweek1'. The page features a dark header with navigation links: 'Pull requests', 'Issues', 'Codespaces', 'Marketplace', and 'Explore'. Below the header, a pink banner contains a security warning about password updates. The repository name 'nandahkurniawan / taskweek1' is prominently displayed, along with a 'Public' label and icons for 'Pin', 'Unwatch', 'Fork', and 'Star'. A navigation bar includes links for 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The main content area shows the 'master' branch with '1 branch' and '0 tags'. It lists the files in the 'first\_commit': 'id\_rsa', 'id\_rsa.pub', 'known\_hosts', and 'known\_hosts.old', all committed '5 minutes ago'. A green 'Code' button is visible. On the right, the 'About' section states 'No description, website, or topics provided.' and shows '0 stars', '1 watching', and '0 forks'. Below this, the 'Releases' and 'Packages' sections both indicate 'No releases published' and 'No packages published' respectively. A blue banner at the bottom of the file list encourages adding a README. The footer of the page includes the GitHub logo, copyright information '© 2022 GitHub, Inc.', and various links like 'Terms', 'Privacy', 'Security', 'Status', 'Docs', 'Contact GitHub', 'Pricing', 'API', 'Training', 'Blog', and 'About'.

https://github.com/nandahkurniawan/taskweek1

Search or jump to... Pull requests Issues Codespaces Marketplace Explore

⚠ The password you provided is in a list of passwords commonly used on other websites. To increase your security, you must update your password. After December 14, 2022 we will automatically reset your password. Change your password on the [settings page](#).  
Read our documentation on [safer password practices](#).

nandahkurniawan / taskweek1 Public

Pin Unwatch 1 Fork 0 Star 0

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

master 1 branch 0 tags Go to file Add file <> Code - About

nandahkurniawan first\_commit cf2a479 5 minutes ago 1 commit

id_rsa	first_commit	5 minutes ago
id_rsa.pub	first_commit	5 minutes ago
known_hosts	first_commit	5 minutes ago
known_hosts.old	first_commit	5 minutes ago

Help people interested in this repository understand your project by adding a README. Add a README

No description, website, or topics provided.

0 stars  
1 watching  
0 forks

Releases  
No releases published  
[Create a new release](#)

Packages  
No packages published  
[Publish your first package](#)

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Membuat 3 buah branch

Berikut perintah untuk membuat sebuah branch dalam git

git branch nama\_branch\_baru

```
devops@DESKTOP-17R0QNP: ~/.ssh$ git remote add origin git@github.com:nandahkurniawan/taskweek1.git
devops@DESKTOP-17R0QNP: ~/.ssh$ git push --set-upstream origin master
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 4 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 3.35 KiB | 685.00 KiB/s, done.
Total 6 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To github.com:nandahkurniawan/taskweek1.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

untuk melihat semua branch cukup ketikan

git branch

```
devops@DESKTOP-17R0QNP: ~/.ssh$ git branch development
devops@DESKTOP-17R0QNP: ~/.ssh$ git branch staging
devops@DESKTOP-17R0QNP: ~/.ssh$ git branch production
devops@DESKTOP-17R0QNP: ~/.ssh$ git branch
development
* master
production
staging
devops@DESKTOP-17R0QNP: ~/.ssh$
```