

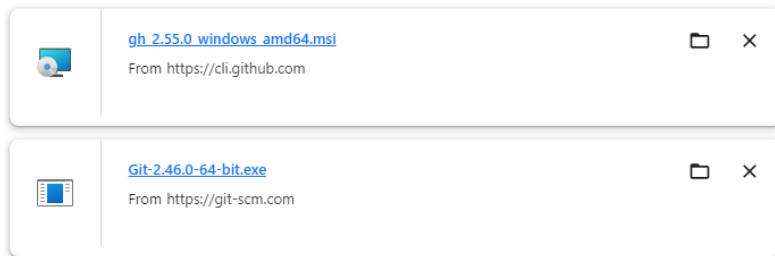
PRATIKUM 3 : GIT & GITHUB



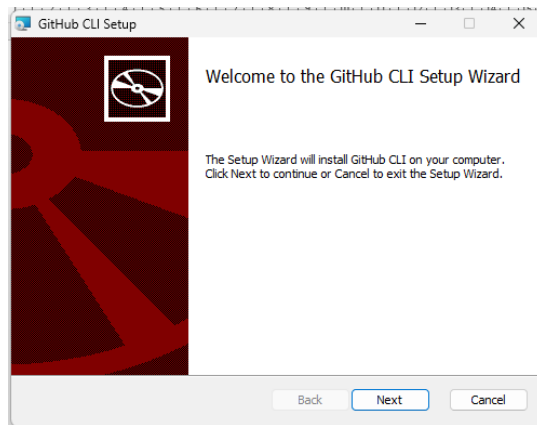
DI SUSUN OLEH:
164231032
RADAM GUMELAR
ALGORITMA PEMROGRAMAN II

PROGRAM STUDI TEKNOLOGI SAINS DATA
PROGRAM SARJANA
UNIVERSITAS AIRLANGGA
2024

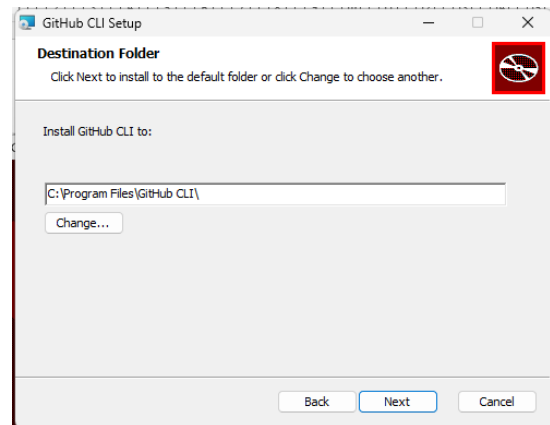
Sebelum mengerjakan pratikum, pastikan mendownload Github CLI dan Git di web browser



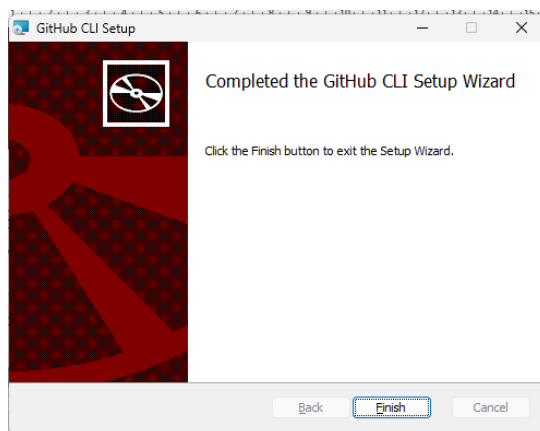
- Install GitHub CLI



Gambar 1. 1 Tampilan awal instalasi

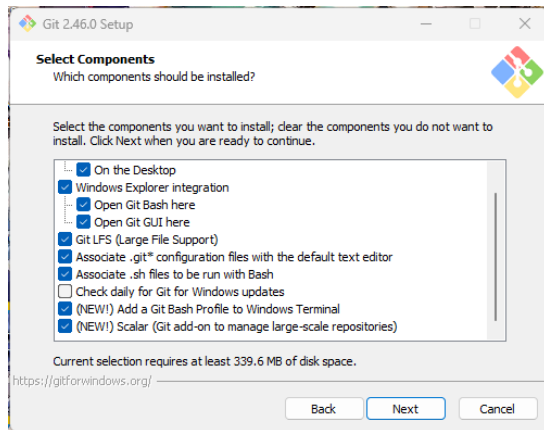


Gambar 1. 2 letak file

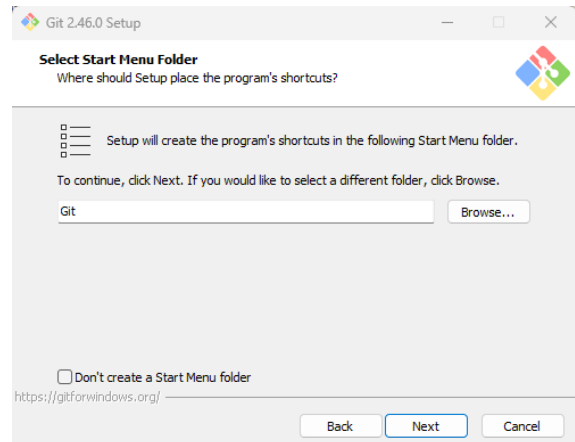


Gambar 1. 3 GitHub CLI selesai diinstall

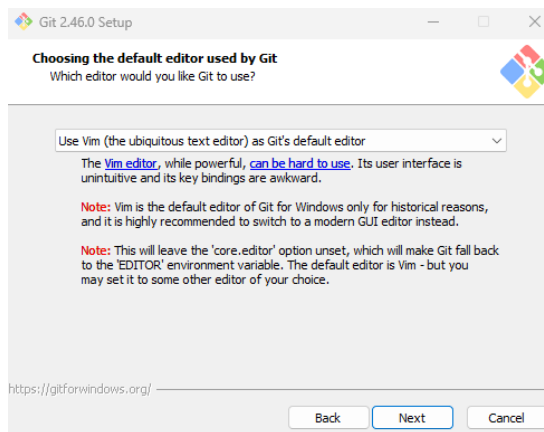
- Install Git



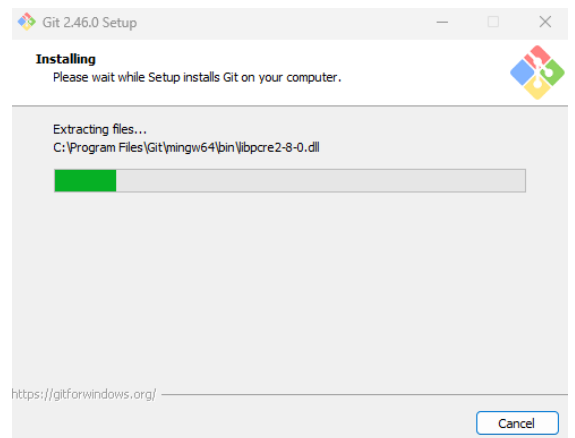
Gambar 1. 4 Set up komponen Git



Gambar 1. 5 Pilih lokasi folder



Gambar 1. 6 Set up sesuai default

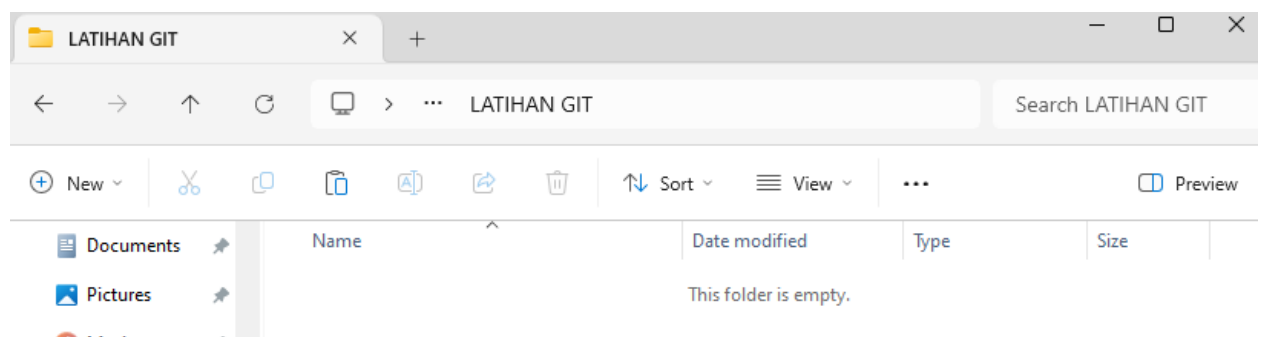


Gambar 1. 7 Instalasi bisa dilakukan

MELAKUKAN SESUAI DENGAN PERINTAH

1. Buat lokal folder dan lakukan git init

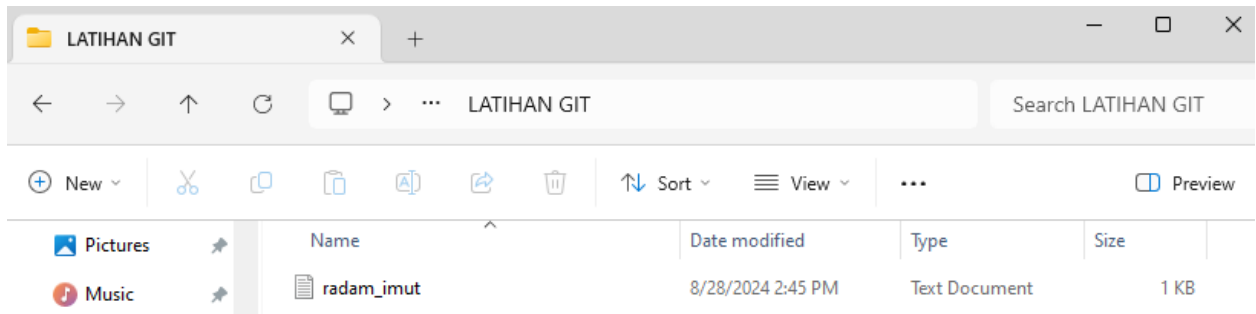
Mula mula buat suatu folder kemudian buka cmd di folder tersebut



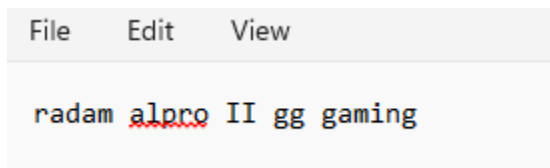
Ketik git init pada command

```
PS F:\UNAIR\ALGORITMA PEMROGRAMAN II\LATIHAN GIT> git init
Initialized empty Git repository in F:\UNAIR\ALGORITMA PEMROGRAMAN II\LATIHAN GIT/.git/
```

2. Buat file terserah dalam folder tersebut



File tersebut berisi



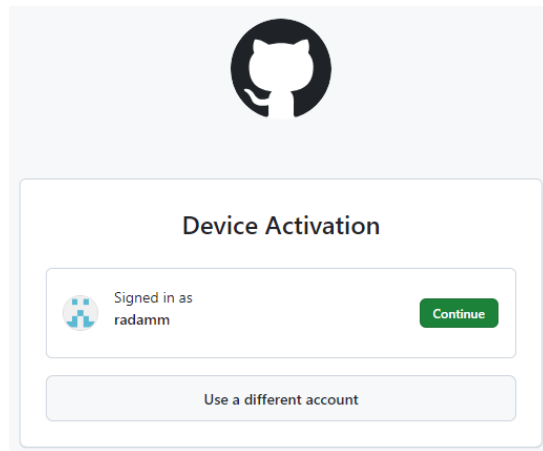
3. Lakukan gh repo create (pastikan lolos autentikasi github) (gh didapat dari githubCLI)

Mula mula ketik gh auth login untuk autentikasi github kemudian pilih sesuai gambar dibawah ini

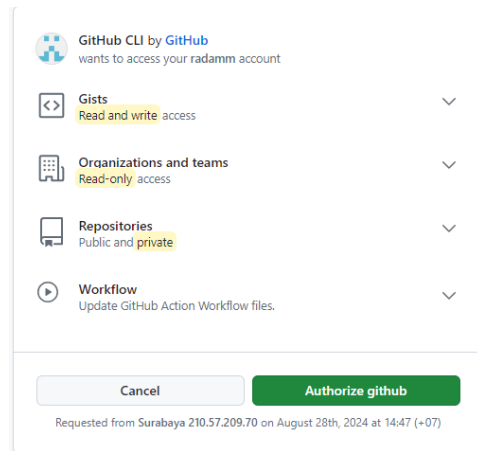
```
PS F:\UNAIR\ALGORITMA PEMROGRAMAN II\LATIHAN GIT> gh auth login
? What account do you want to log into? GitHub.com
? What is your preferred protocol for Git operations on this host? HTTPS
? Authenticate Git with your GitHub credentials? Yes
? How would you like to authenticate GitHub CLI? Login with a web browser

! First copy your one-time code: 6BD5-8BF6
Press Enter to open github.com in your browser...
```

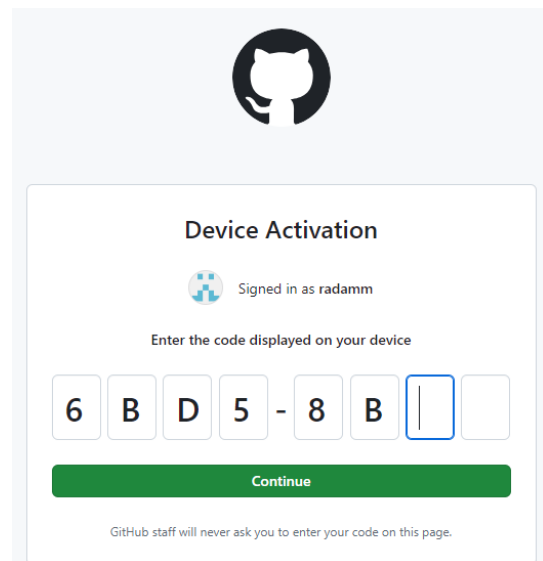
Lalu git akan memberikan code untuk dimasukkan ke github seperti gambar dibawah ini



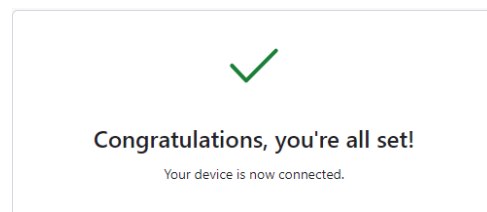
Gambar 1. 8 login ke akun yang sudah ada



Gambar 1. 9 autentifikasi akun



Gambar 1. 10 masukkan kode dari cmd



Gambar 1. 11 GitHub berhasil di autentifikasi

Tampilan di CMD ketika berhasil autentikasi adalah seperti ini (ada tulisan logged in as ...)

```
PS F:\UNAIR\ALGORITMA PEMROGRAMAN II\LATIHAN GIT> gh auth login
? What account do you want to log into? GitHub.com
? What is your preferred protocol for Git operations on this host? HTTPS
? Authenticate Git with your GitHub credentials? Yes
? How would you like to authenticate GitHub CLI? Login with a web browser

! First copy your one-time code: 6BD5-8BF6
Press Enter to open github.com in your browser...
✓ Authentication complete.
- gh config set -h github.com git_protocol https
✓ Configured git protocol
✓ Logged in as radamm
```

Setelah berhasil lalu dapat melakukan gh repo create kemudian lakukan sesuai runtutan dibawah ini

```
PS F:\UNAIR\ALGORITMA PEMROGRAMAN II\LATIHAN GIT> gh repo create
? What would you like to do? Push an existing local repository to GitHub
? Path to local repository (.)

? Path to local repository .
? Repository name (LATIHAN GIT)

? Repository name LATIHAN GIT
? Description ini isinya tentang radam belajar membuat git tugas alpro pratikum3

? Description ini isinya tentang radam belajar membuat git tugas alpro pratikum3
? Visibility Public
✓ Created repository radamm/LATIHAN-GIT on GitHub
  https://github.com/radamm/LATIHAN-GIT
? Add a remote? Yes
? What should the new remote be called? origin
✓ Added remote https://github.com/radamm/LATIHAN-GIT.git
```

4. Lakukan add, commit, dan push

masukkan file di folder lokal dengan menggunakan git add (namafile)

mula mula add file yang ingin dimasukkan

```
PS F:\UNAIR\ALGORITMA PEMROGRAMAN II\LATIHAN GIT> git add "radam_imut.txt"
```

Kemudian commit untuk merekam perubahan yang dilakukan di repositori

```
PS F:\UNAIR\ALGORITMA PEMROGRAMAN II\LATIHAN GIT> git commit -m master
[master (root-commit) 74f57ab] master
1 file changed, 1 insertion(+)
create mode 100644 radam_imut.txt
```

Ketika sudah aman, maka bisa di push






```
PS F:\UNAIR\ALGORITMA PEMROGRAMAN II\LATIHAN GIT> git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 234 bytes | 117.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/radamm/LATIHAN-GIT.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

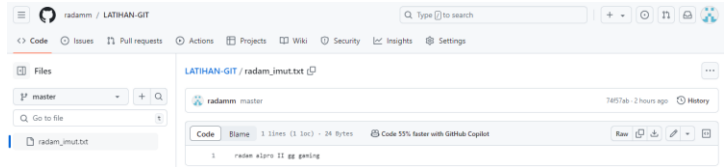
5. Setelah berhasil, cek Github dan jika memang berhasil maka repositori beserta file yang di push akan terlihat

Top repositories



Find a repository...

-  radamm/Projek-Mangkrak
-  radamm/LATIHAN-GIT
-  radamm/musik
-  radamm/PROGRAM-PENILAIAN-OLIMPIADE
-  radamm/desktop-tutorial

A screenshot of a GitHub repository page for "radamm / LATIHAN-GIT". The page shows the "Code" tab selected, displaying a file named "radam_jmut.txt" with 1 line of code: "radam elara II gg gasing". The file is 24 bytes in size. The page also shows the repository name, a search bar, and various navigation links like "Issues", "Pull requests", "Actions", "Projects", "Wiki", "Security", "Insights", and "Settings".

radamm / LATIHAN-GIT

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Files

LATIHAN-GIT / radam_jmut.txt

radamm master 7d57ab · 2 hours ago History

Code Blame 1 lines (1 loc) · 24 Bytes Code 100% tested with GitHub Copilot Raw Download Edit View

```
1 radam elara II gg gasing
```