

Tugas TOS (Pengenalan GIT & GITHUB 1)

NAMA : MOH.SYAIFUL DF.MATORANG

NIM : 531419017

KELAS : A

PRODI : SISTEM INFORMASI

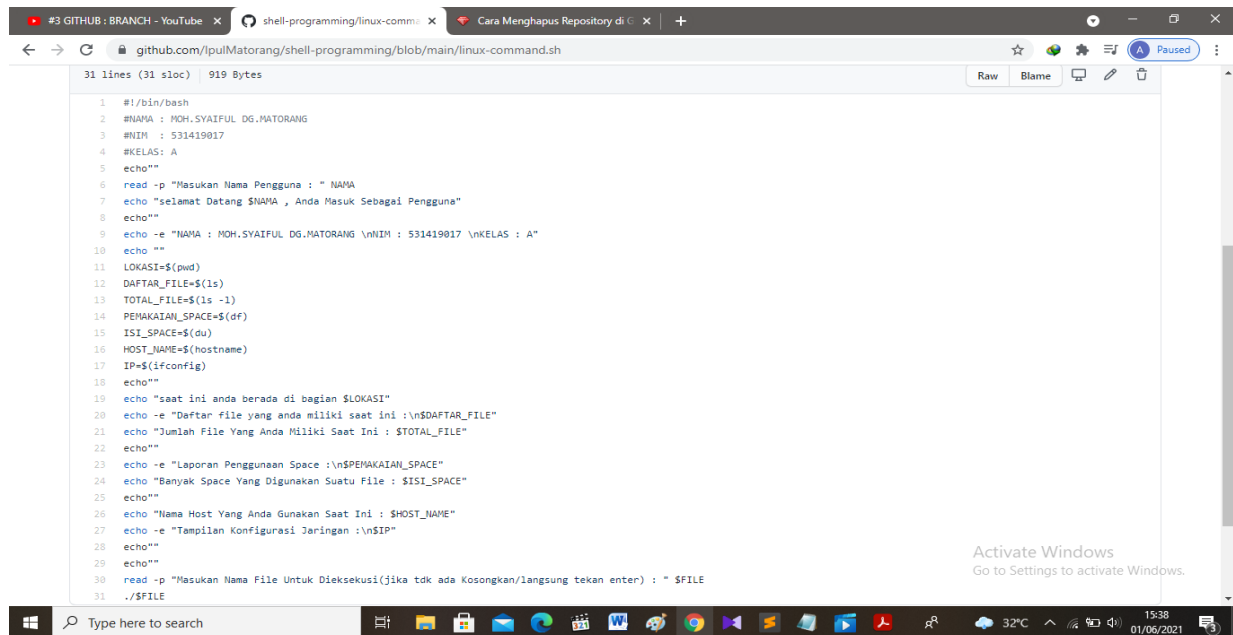
isi repository shell-programming

The screenshot shows the GitHub repository page for 'IpulMatorang / shell-programming'. The repository is on the 'main' branch and has 1 branch and 0 tags. The commit history shows 7 commits, with the most recent commit being 'Merge pull request #1 from IpulMatorang/IpulMatorang-patch-1' 2 hours ago. The commit message for the most recent commit is 'NAMA SAYA MOH.SYAIFUL DG MATORANG (531419017) DARI UNIVERSITAS NEGERI GORONTALO PRODI SISTEM INFORMASI JURUSAN INFORMATIKA, FAKULTAS TEKNIK REPOSITORY DENGAN NAMA shell-programming DIBUAT UNTUK MENYIMPAN FILE-FILE PROGRAM DARI PEMROGRAMAN SHELL TERIMA KASIH'. The repository also has a README.md file, a file named 'latihan-program-shell.sh', and a file named 'linux-command.sh'. The repository is currently paused.

Commits dari repository shell-programming

The screenshot shows the GitHub repository page for 'IpulMatorang / shell-programming' displaying the commit history. The repository is on the 'main' branch and has 1 branch and 0 tags. The commit history shows 7 commits, with the most recent commit being 'Merge pull request #1 from IpulMatorang/IpulMatorang-patch-1' 2 hours ago. The commit message for the most recent commit is 'NAMA SAYA MOH.SYAIFUL DG MATORANG (531419017) DARI UNIVERSITAS NEGERI GORONTALO PRODI SISTEM INFORMASI JURUSAN INFORMATIKA, FAKULTAS TEKNIK REPOSITORY DENGAN NAMA shell-programming DIBUAT UNTUK MENYIMPAN FILE-FILE PROGRAM DARI PEMROGRAMAN SHELL TERIMA KASIH'. The repository also has a README.md file, a file named 'latihan-program-shell.sh', and a file named 'linux-command.sh'. The repository is currently paused.

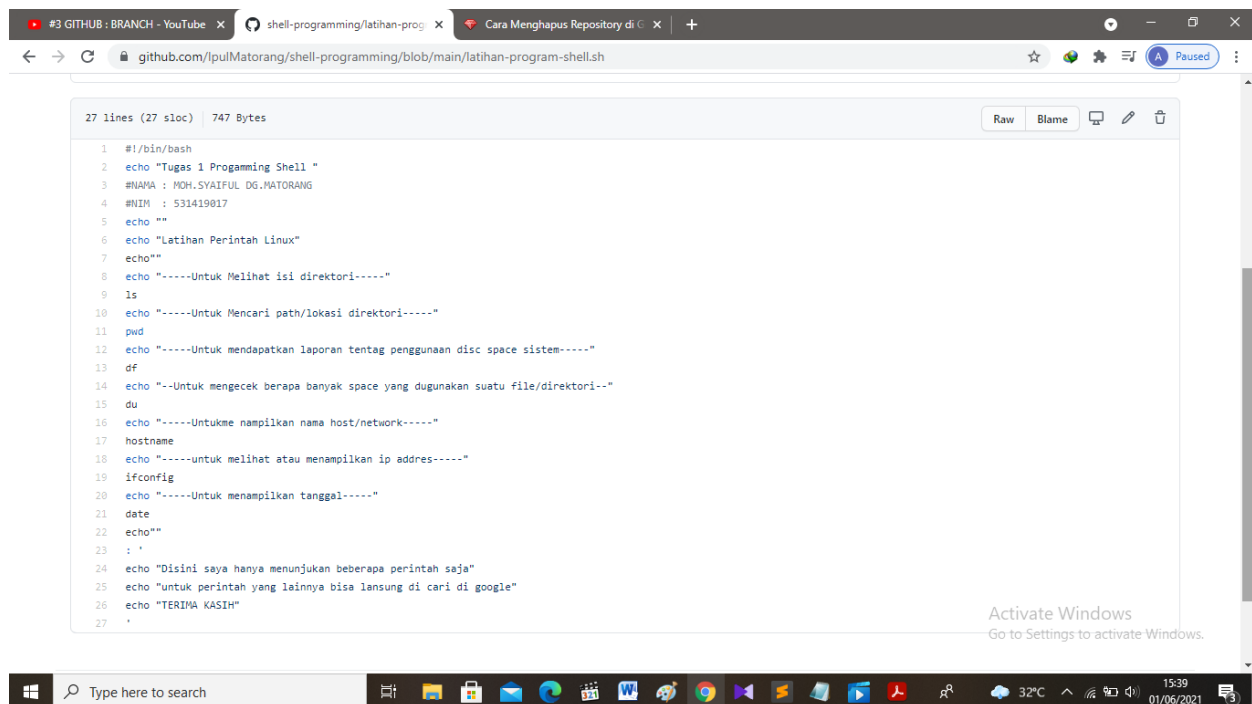
Isi dari file linux-command.sh



The screenshot shows a web browser window with the URL `github.com/pulMatorang/shell-programming/blob/main/linux-command.sh`. The file content is displayed in a code editor with a light blue background. The code is a shell script that prints various system information and user details. The script starts with a shebang `#!/bin/bash` and includes several `echo` and `read` commands. It also uses variables to store and display system information like `pwd`, `ls`, `df`, `du`, `hostname`, and `ifconfig`. The script ends with a `read` command for a file name and a `cat` command to display its contents.

```
1 #!/bin/bash
2 #NAMA : MOH.SYAIFUL DG.MATORANG
3 #NIM : 531419017
4 #KELAS : A
5 echo ""
6 read -p "Masukan Nama Pengguna : " NAMA
7 echo "selamat Datang $NAMA , Anda Masuk Sebagai Pengguna"
8 echo ""
9 echo -e "NAMA : MOH.SYAIFUL DG.MATORANG \nNIM : 531419017 \nKELAS : A"
10 echo ""
11 LOKASI=$(pwd)
12 DAFTAR_FILE=$(ls)
13 TOTAL_FILE=$(ls -l)
14 PEMAKAIAN_SPACE=$(df)
15 ISI_SPACE=$(du)
16 HOST_NAME=$(hostname)
17 IP=$(ifconfig)
18 echo ""
19 echo "saat ini anda berada di bagian $LOKASI"
20 echo -e "Daftar file yang anda miliki saat ini :\n$DAFTAR_FILE"
21 echo "Jumlah File Yang Anda Miliki Saat Ini : $TOTAL_FILE"
22 echo ""
23 echo -e "Laporan Penggunaan Space :\n$PEMAKAIAN_SPACE"
24 echo "Banyak Space Yang Digunakan Suatu File : $ISI_SPACE"
25 echo ""
26 echo "Nama Host Yang Anda Gunakan Saat Ini : $HOST_NAME"
27 echo -e "Tampilan Konfigurasi Jaringan :\n$IP"
28 echo ""
29 echo ""
30 read -p "Masukan Nama File Untuk Dieksekusi(jika tdk ada Kosongkan/langsung tekan enter) : " $FILE
31 cat $FILE
```

Isi dari file latihan-program-shell.sh



The screenshot shows a web browser window with the URL `github.com/pulMatorang/shell-programming/blob/main/latihan-program-shell.sh`. The file content is displayed in a code editor with a light blue background. The code is a shell script that prints various system information and user details. The script starts with a shebang `#!/bin/bash` and includes several `echo` and `read` commands. It also uses variables to store and display system information like `pwd`, `ls`, `df`, `du`, `hostname`, and `ifconfig`. The script ends with a `read` command for a file name and a `cat` command to display its contents.

```
1 #!/bin/bash
2 echo "Tugas 1 Programming Shell "
3 #NAMA : MOH.SYAIFUL DG.MATORANG
4 #NIM : 531419017
5 echo ""
6 echo "Latihan Perintah Linux"
7 echo ""
8 echo "-----Untuk Melihat isi direktori-----"
9 ls
10 echo "-----Untuk Mencari path/lokasi direktori-----"
11 pwd
12 echo "-----Untuk mendapatkan laporan tentang penggunaan disc space sistem-----"
13 df
14 echo "--Untuk mengecek berapa banyak space yang digunakan suatu file/direktori--"
15 du
16 echo "-----Untukme nampilkan nama host/network-----"
17 hostname
18 echo "-----untuk melihat atau menampilkan ip address-----"
19 ifconfig
20 echo "-----Untuk menampilkan tanggal-----"
21 date
22 echo ""
23 :
24 echo "Disini saya hanya menunjukan beberapa perintah saja"
25 echo "untuk perintah yang lainnya bisa langsung di cari di google"
26 echo "TERIMA KASIH"
27 :
```

Sisa branch ketika sudah dihapus branch IpulMatorang-patch-1

#3 GITHUB : BRANCH - YouTube x Branches - IpulMatorang/shell-pr x Cara Menghapus Repository di C x +

github.com/IpulMatorang/shell-programming/branches

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

IpulMatorang / shell-programming Unwatch 1 Star 0 Fork 0

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Overview Yours Active Stale All branches Search branches...

Default branch

main Updated 2 hours ago by IpulMatorang Default

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Activate Windows
Go to Settings to activate Windows.

Network Graph setelah di merge

#3 GITHUB : BRANCH - YouTube x Network Graph - IpulMatorang/sh x Cara Menghapus Repository di C x +

github.com/IpulMatorang/shell-programming/network

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

IpulMatorang / shell-programming Unwatch 1 Star 0 Fork 0

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Network graph

Timeline of the most recent commits to this repository and its network ordered by most recently pushed to.

Owners	Jun
IpulMatorang	1

Activate Windows
Go to Settings to activate Windows.

Muncul notifikasi pull request dari dua orang teman lain

The screenshot shows the GitHub interface for the repository 'IpulMatorang / shell-programming'. The 'Pull requests' tab is selected, showing two open pull requests:

- menambahkan baris keterangan dan fungsi touch** (Pull request #3) by adeariazhari, opened 2 hours ago.
- menambahkan kode script untuk membuat file baru di shell** (Pull request #2) by alifalamsyah2001, opened 2 hours ago.

Below the pull requests, there is a 'ProTip!' section and an 'Activate Windows' watermark. The Windows taskbar at the bottom shows the time as 16:09 on 01/06/2021.

Saya telah menerima pull request dari teman saya alifalamsyah2001 ,dan telah berhasil di merge

The screenshot shows the same GitHub repository page, but now the pull request #2 by alifalamsyah2001 has been merged. The 'Pull requests' tab shows 1 pull request. The 'Code' tab is selected, showing the repository's files and the merged commit.

The merged commit is **IpulMatorang Merge pull request #2 from alifalamsyah2001/patch-1**, with 122c438 commit hash, 2 hours ago, and 9 commits. The files changed are:

- README.md**: mengedit file README (3 hours ago)
- latihan-program-shell.sh**: menambahkan kode script untuk membuat file baru di shell (2 hours ago)
- linux-command.sh**: menambah satu koding syntax echo pada program (3 hours ago)

The README.md content is visible, showing a message from Moh. Syaiful dg Matorang (531419017) from Universitas Negeri Gorontalo Prodi Sistem Informasi, Jurusan Informatika, Fakultas Teknik Repository dengan nama shell-programming dibuat untuk menyimpan file-file program dari pemrograman shell terima kasih.

The Windows taskbar at the bottom shows the time as 16:11 on 01/06/2021.

Menerima pull request dari adeariazhari , dan terdapat conflict di pull request nya

The screenshot shows a GitHub pull request titled "menambahkan baris keterangan dan fungsi touch #3" from user adeariazhari to the repository IpulMatorang/shell-programming. The pull request is in a "Draft" state. A conflict is indicated by a red icon and the message "This branch has conflicts that must be resolved". The conflicting file is "latihan-program-shell.sh". The pull request details show 1 commit, 0 checks, and 1 file changed. The commit message is "menambahkan baris keterangan dan fungsi touch". The pull request is verified and has a score of 5498924. The right sidebar shows the repository owner IpulMatorang, a "Request" button, and various settings like Assignees, Labels, Projects, and Milestones. The Windows taskbar at the bottom shows the search bar and several application icons.

Melakukan Resolve Conflict pada pull request adeariazhari

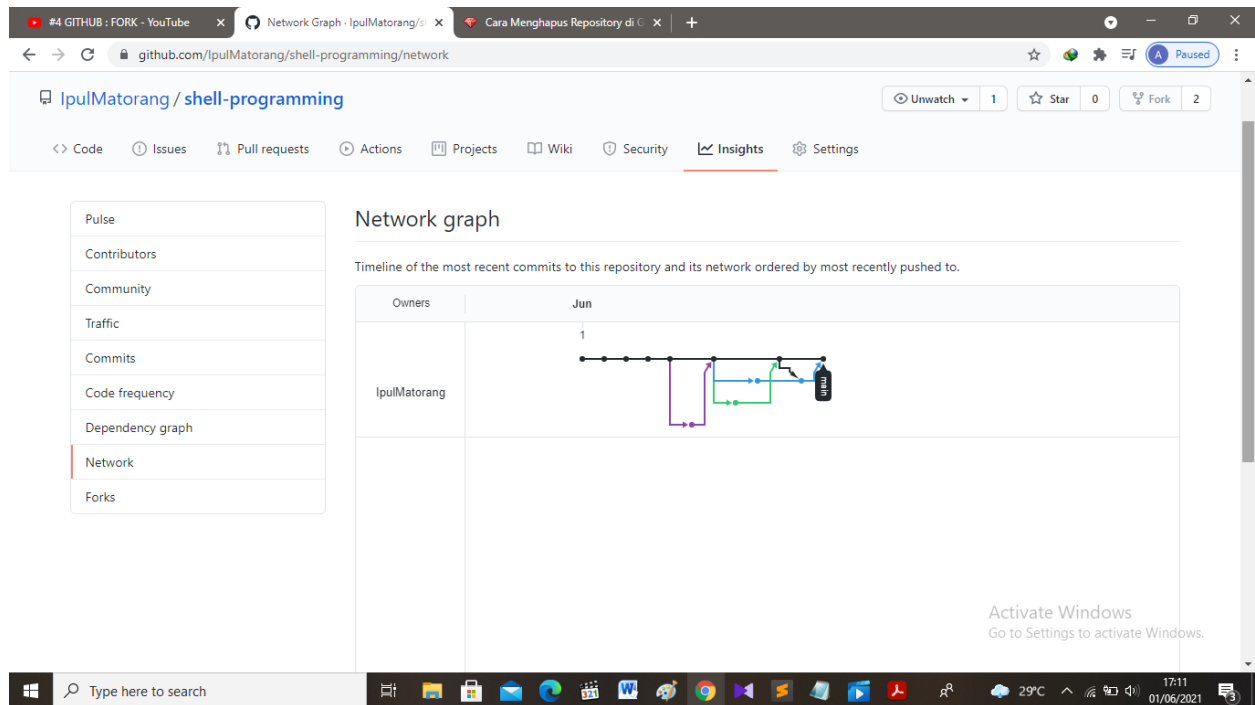
The screenshot shows the "Resolve Conflicts" page for the same pull request. The page title is "menambahkan baris keterangan dan fungsi touch #3". The page shows the conflicting file "latihan-program-shell.sh" and the changes being made. The file content is displayed in a code editor, showing a shell script with various commands and comments. The "Resolve Conflicts" section shows the file "latihan-program-shell.sh" with a green checkmark, indicating it has been resolved. The "Commit merge" button is visible in the top right corner. The Windows taskbar at the bottom shows the search bar and several application icons.

Berhasil resolve dan request sudah bisa di merger

This screenshot shows a GitHub pull request (PR) titled "menambahkan baris keterangan dan fungsi touch #3" by user adeariazhari. The PR is targeting the 'main' branch of the repository 'IpulMatorang/shell-programming'. The commit history shows two commits: "menambahkan baris keterangan dan fungsi touch" (Verified, 5498924) and "Merge branch 'main' into main" (Verified, 1f053e2). A green box indicates that the branch has no conflicts with the base branch and that merging can be performed automatically. A green button labeled "Merge pull request" is visible. The right sidebar shows various repository settings like Assignees, Labels, Projects, Milestone, Linked issues, and Notifications. The bottom of the screen shows a Windows taskbar with the date 01/06/2021 and time 16:23.

This screenshot shows the main page of the GitHub repository "IpulMatorang/shell-programming". The repository has 1 branch and 0 tags. The "Code" tab is selected, showing a list of files: README.md, latihan-program-shell.sh, and linux-command.sh. The README.md file is expanded, showing its content: "NAMA SAYA MOH.SYAIFUL DG MATORANG (531419017) DARI UNIVERSITAS NEGERI GORONTALO PRODI SISTEM INFORMASI, JURUSAN INFORMATIKA, FAKULTAS TEKNIK REPOSITORY DENGAN NAMA shell-programming DIBUAT UNTUK MENYIMPAN FILE-FILE PROGRAM DARI PEMROGRAMAN SHELL TERIMA KASIH". The right sidebar shows repository statistics: 1 Unwatch, 0 Star, and 2 Fork. The bottom of the screen shows a Windows taskbar with the date 01/06/2021 and time 16:24.

Network Graph telah berubah menjadi seperti berikut :



Terima Kasih