

## Linux Lite Terminal -

File Edit View Terminal Tabs Help

**mint-lite** ~ date

Rab 13 Sep 2023 10:05:39 WIB

**mint-lite** ~ cal

September 2023

Mi Se Se Ra Ka Ju Sa

1 2

3 4 5 6 7 8 9

10 11 12 13 14 15 16

17 18 19 20 21 22 23

24 25 26 27 28 29 30

**mint-lite** ~ pwd

/home/mint-lite

**mint-lite** ~ whoami

mint-lite

**mint-lite** ~ ls

Bojoku Desktop Downloads Music Public Videos

Dart Documents mint Pictures Templates

**mint-lite** ~ ls -l

total 44

drwxrwxr-x 13 mint-lite mint-lite 4096 Jul 31 12:33 Bojoku

drwxrwxr-x 3 mint-lite mint-lite 4096 Mar 16 14:03 Dart

drwxr-xr-x 2 mint-lite mint-lite 4096 Sep 8 21:03 Desktop

drwxr-xr-x 5 mint-lite mint-lite 4096 Sep 13 19:26 Documents

## Linux Lite Terminal -

File Edit View Terminal Tabs Help

**mint-lite** ~ cd Music**mint-lite** ~ Music cd**mint-lite** ~ sudo su

[sudo] password for mint-lite:

Sorry, try again.

[sudo] password for mint-lite:

Welcome to Linux Lite 6.2

You are running in **superuser** mode, be very careful.

Rabu 13 September 2023, 22:08:28

Memory Usage: 601/9835MB (6.11%)

Disk Usage: 161/292GB (58%)

**root** / > home > **mint-lite** exit

exit

**mint-lite** ~ top

top - 22:09:11 up 23 min, 1 user, load average: 0,08, 0,10, 0,21

```

Linux Lite Terminal -
File Edit View Terminal Tabs Help
mint-lite ~ htop

```

```

Linux Lite Terminal -
File Edit View Terminal Tabs Help

1[|||] 2.6%] 2[| 0.7%] 3[|||] 1.3%] 4[| 0
Mem[|||||] 693M/9.61G] Tasks: 106, 198 thr; 1 running
Swp[ 0K/2.00G] Load average: 0.58 0.36 0.29
Uptime: 00:30:05

PID USER PRI NI VIRT RES SHR S CPU% MEM% TIME+ Command
1 root 20 0 162M 11596 8232 S 0.0 0.1 0:01.64 /sbin/
380 root 19 -1 107M 44064 42736 S 0.0 0.4 0:03.47 /lib/s
420 root 20 0 27432 7876 4648 S 0.0 0.1 0:01.74 /lib/s
765 systemd-n 20 0 16116 8000 6996 S 0.0 0.1 0:00.07 /lib/s
776 systemd-r 20 0 25660 13676 9320 S 0.0 0.1 0:00.22 /lib/s
879 root 20 0 234M 7864 6784 S 0.0 0.1 0:00.25 /usr/l
880 root 20 0 2812 1116 1028 S 0.0 0.0 0:00.15 /usr/s
883 avahi 20 0 7628 3656 3320 S 0.0 0.0 0:00.53 avahi-
885 root 20 0 10584 5440 5020 S 0.0 0.1 0:00.05 /usr/l
886 root 20 0 9496 2940 2680 S 0.0 0.0 0:00.01 /usr/s
887 messagebu 20 0 9804 5828 4120 S 0.0 0.1 0:00.74 @dbus-
888 root 20 0 254M 18492 15552 S 0.0 0.2 0:00.69 /usr/s
894 root 20 0 82764 3888 3548 S 0.0 0.0 0:00.17 /usr/s
896 root 20 0 41032 20768 11432 S 0.0 0.2 0:00.35 /usr/b
901 root 20 0 237M 10584 7552 S 0.0 0.1 0:00.46 /usr/l
903 syslog 20 0 217M 5396 4512 S 0.0 0.1 0:01.44 /usr/s
F1Help F2Setup F3Search F4Filter F5Tree F6SortBy F7Nice - F8Nice + F9Kill

```

COMMANDS yang ada di linux

1. DATE = menunjukkan tanggal sekarang mencakup hari, tanggal, bulan, tahun, dan jam.
2. CAL = menampilkan kalender
3. PWD = menampilkan posisi direktori yang sedang aktif
4. WHOAMI = menampilkan output User yang aktif
5. LS = hasil output menampilkan list yang ada di direktori yang aktif baik berupa file atau folder
6. LS -L = sama seperti LS, bedanya kalau -L ada keterangan lebih rinci terakhir update dan permission untuk read, write, dan execution yang berhak.
7. cd Music = change directory, pindah ke direktori musik
8. sudo su = masuk ke supeuser di linux
9. top = menampilkan aplikasi berjalan, ram usage, cpu, dan masih banyak informasi penting lain.
10. htop = sama seperti top, tetapi tampilan lebih bagus dan mudah dipahami (gambar 4 hasil htop)

Buat shell script

```
Linux Lite Terminal -
File Edit View Terminal Tabs Help
mint-lite ~ nano try.sh
```

## 1. Membuat script

```
Linux Lite Terminal -
File Edit View Terminal Tabs Help
GNU nano 6.2 try.sh
#!/bin/sh
touch tugas.txt
echo "Ini adalah tugas command linux dari alterra academy" > tugas.txt
echo "tugas ini harus dikumpulkan hari ini" >> tugas.txt
mv tugas.txt tugas_basic_linux.txt
chmod +x tugas_basic_linux.txt
```

File to insert [from ./]:

^G Help	M-F New Buffer	IL move	^X Execute Command
^C Cancel	M-N No Conversion		^T Browse

- > Touch = membuat file bernama tugas.txt
- > Echo "text" > = menambahkan (menimpa file) dengan text tersebut
- > Echo "text" >> = menambahkan text kedalam tanpa menimpa isi yang sudah ada
- > mv = mengubah nama file (untuk kasus ini)
- > chmod = untuk memberi izin execution



```
Linux Lite Terminal -
File Edit View Terminal Tabs Help
mint-lite ~ cat try.sh
#!/bin/sh

touch tugas.txt
echo "Ini adalah tugas command linux dari alterra academy" > tugas.txt
echo "tugas ini harus dikumpulkan hari ini" >> tugas.txt
mv tugas.txt tugas_basic_linux.txt
chmod +x tugas_basic_linux.txt
mint-lite ~
```

Hasil setelah di eksekusi

```
Linux Lite Terminal -
File Edit View Terminal Tabs Help
mv tugas.txt tugas_basic_linux.txt
chmod +x tugas_basic_linux.txt
mint-lite ~ ./try.sh
mint-lite ~ ls -l
total 56
drwxrwxr-x 2 mint-lite mint-lite 4096 Sep 14 10:41 altera
drwxrwxr-x 13 mint-lite mint-lite 4096 Jul 31 12:33 Bojoku
drwxrwxr-x 3 mint-lite mint-lite 4096 Mar 16 14:03 Dart
drwxr-xr-x 2 mint-lite mint-lite 4096 Sep 8 21:03 Desktop
drwxr-xr-x 5 mint-lite mint-lite 4096 Sep 14 10:47 Documents
drwxr-xr-x 8 mint-lite mint-lite 4096 Sep 13 22:34 Downloads
drwxrwxr-x 4 mint-lite mint-lite 4096 Agu 2 06:01 mint
drwxr-xr-x 2 mint-lite mint-lite 4096 Mar 5 2023 Music
drwxr-xr-x 4 mint-lite mint-lite 4096 Sep 14 10:48 Pictures
drwxr-xr-x 2 mint-lite mint-lite 4096 Mar 5 2023 Public
drwxr-xr-x 2 mint-lite mint-lite 4096 Mar 5 2023 Templates
-rwxrwxr-x 1 mint-lite mint-lite 225 Sep 14 10:45 try.sh
-rwxrwxr-x 1 mint-lite mint-lite 89 Sep 14 10:54 tugas_basic_linux.t
drwxr-xr-x 4 mint-lite mint-lite 4096 Agu 10 09:12 Videos
mint-lite ~ cat tugas_basic_linux.txt
Ini adalah tugas command linux dari alterra academy
tugas ini harus dikumpulkan hari ini
mint-lite ~
```