

LAPORAN RESMI
PRAKTIKUM SISTEM OPERASI



JUDUL: 50 COMMAND REDHAT SERVER

Disusun Oleh :

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50 command linux menggunakan RedHat

Perintah Linux pada Red Hat atau distribusi Linux lainnya adalah instruksi yang diberikan oleh pengguna untuk berinteraksi dengan sistem operasi Linux.

command tersebut memungkinkan pengguna untuk melakukan berbagai tugas, mulai dari mengelola file dan direktori, menginstal dan mengelola paket perangkat lunak, konfigurasi jaringan, manajemen pengguna, hingga pemeliharaan sistem. Contoh command yang umum digunakan di Red Hat antara lain `ls` untuk menampilkan isi direktori, `yum` untuk mengelola paket, `systemctl` untuk mengelola layanan, dan masih banyak lagi.

COMMAND

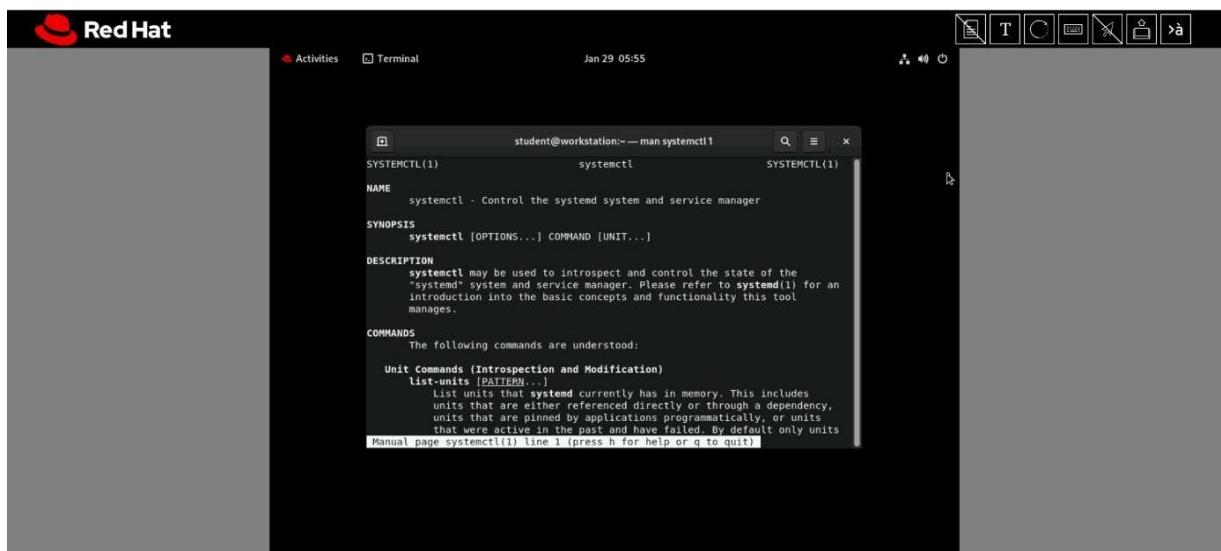
1. **ls** "Menampilkan daftar file dan direktori."

```
student@workstation:~$ ls
Desktop  Documents  Downloads  Music  Pictures  Public  Templates  Videos
student@workstation:~$ ls -la
```

2. **Date** "Menampilkan Tanggal dan Waktu Sekarang."

```
[student@workstation ~]$ date
Mon Jan 29 05:51:28 AM EST 2024
```

3. **Man systemctl** "Digunakan untuk menampilkan manual atau dokumentasi."



4. **Sudo su** "Digunakan untuk beralih ke akun pengguna superuser atau root."

```
[student@workstation ~]$ sudo su
[sudo] password for student:
[root@workstation student]#
```

5. **exit** "Digunakan untuk menutup terminal."

```
[root@workstation student]# exit
exit
```

6. **id** "Menampilkan informasi tentang identitas pengguna."

```
[student@workstation ~]$ id
uid=1000(student) gid=1000(student) groups=1000(student),10(wheel) context=uncon
fined u:unconfined r:unconfined t:s0-s0:c0.c1023
```

7. **ifconfig** "Menampilkan informasi antarmuka jaringan."

```
[student@workstation ~]$ ifconfig
cni-podman0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.88.0.1 netmask 255.255.0.0 broadcast 10.88.255.255
    inet6 fe80::24cb:71ff:fe53:a73b prefixlen 64 scopeid 0x20<link>
    ether 26:cb:71:e5:a7:3b txqueuelen 1000 (Ethernet)
    RX packets 431 bytes 21356 (20.8 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 825 bytes 52076 (50.8 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 172.25.250.9 netmask 255.255.255.0 broadcast 172.25.250.255
    inet6 fe80::5094:fff:fe00:fa09 prefixlen 64 scopeid 0x20<link>
    ether 52:54:00:00:fa:09 txqueuelen 1000 (Ethernet)
    RX packets 1287 bytes 393005 (383.8 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 975 bytes 90054 (88.7 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
```

8. **hostname -I** "Digunakan untuk menampilkan alamat IP yang terkait dengan host atau sistem."

```
[student@workstation ~]$ hostname -I
172.25.250.9 10.88.0.1
```

9. **whoami** "Menampilkan nama pengguna saat ini."

```
[student@workstation ~]$ whoami
student
```

10. **netstat** "Digunakan untuk menampilkan informasi berbagai aspek koneksi jaringan"

```
[student@workstation ~]$ netstat
Active Internet connections (w/o servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
Active UNIX domain sockets (w/o servers)
Proto RefCnt Flags   Type       State          I-Node  Path
unix  2      [ ]     DGRAM          30713          /run/user/1000/system
d/notify
unix  3      [ ]     DGRAM          10144          /run/systemd/notify
unix  18     [ ]     DGRAM          10159          /run/systemd/journal/
dev-log
unix  9      [ ]     DGRAM          10161          /run/systemd/journal/
socket
unix  2      [ ]     DGRAM          15288          /run/chrony/chronyd.s
ock
unix  3      [ ]     STREAM        CONNECTED     35862
unix  3      [ ]     STREAM        CONNECTED     34588
unix  3      [ ]     STREAM        CONNECTED     35086
unix  3      [ ]     STREAM        CONNECTED     34986
unix  3      [ ]     STREAM        CONNECTED     31700          /run/systemd/journal/
stdout
unix  3      [ ]     STREAM        CONNECTED     33824          /run/dbus/system_bus_
socket
```

11. **ping google.com** "Menguji koneksi jaringan."

The screenshot shows a Red Hat Linux desktop environment. A terminal window is open, displaying the output of a `ping google.com` command. The output shows 12 successful ping requests, each receiving 64 bytes of data from the IP address 142.251.220.46. The terminal title bar indicates the user is `student@workstation` and the window is titled `ping google.com`.

12. **Help** "Digunakan untuk menampilkan bantuan atau petunjuk singkat terkait dengan perintah yang dijalankan di dalam shell bash."

The screenshot shows a Red Hat Linux desktop environment. A terminal window is open, displaying the output of the `help` command. The output lists various built-in shell commands and their syntax, such as `job spec`, `alias`, `bg`, `bind`, `break`, `builtin`, `caller`, `case`, `cd`, and `command`. The terminal title bar indicates the user is `student@workstation` and the window is titled `help`.

13. **cd "nama file"** "Digunakan untuk berpindah dari satu direktori ke direktori lain di dalam sistem file."

The screenshot shows a Red Hat Linux desktop environment. A terminal window is open, displaying the output of the `cd` command. The user has entered `cd Music/` and the prompt has changed to `[student@workstation Music]$`, indicating the current directory is `/home/student/Music`.

14. **cd -** "Kembali ke direktori induk (parent directory)."

The screenshot shows a Red Hat Linux desktop environment. A terminal window is open, displaying the output of the `cd -` command. The user has entered `cd -` and the prompt has changed to `[student@workstation ~]$`, indicating the current directory is `/home/student`.

15. **mkdir** "Membuat direktori baru."

```
[student@workstation Music]$ mkdir  
[student@workstation Music]$ ls
```

16. **rmdir** "Menghapus direktori kosong."

```
[student@workstation Music]$ rmdir  
[student@workstation Music]$ ls
```

17. **ssh student@servera** "Cara untuk melakukan koneksi ke server dengan menggunakan protokol Secure Shell (SSH)."

```
[student@workstation Music]$ ssh student@servera  
Warning: Permanently added 'servera' (ED25519) to the list of known hosts.  
Activate the web console with: systemctl enable --now cockpit.socket  
  
Register this system with Red Hat Insights: insights-client --register  
Create an account or view all your systems at https://red.ht/insights-dashboard  
[student@servera ~]$
```

18. **lab start logs-preserve** "Untuk mengecek lab system"

```
[student@workstation ~]$ lab start logs-preserve  
Starting lab.  
  
· Checking lab systems ..... SUCCESS  
· Backing up log config on servera ..... SUCCESS
```

19. **sudo -i** "Digunakan untuk membuka sesi shell interaktif dengan hak istimewa superuser(root)."

```
[student@workstation ~]$ sudo -i  
[sudo] password for student:  
[root@workstation ~]#
```

20. **sudo adduser user** "Digunakan untuk menambahkan pengguna baru ke sistem."

```
[root@workstation ~]# sudo adduser user1  
[root@workstation ~]#
```

21. **sudo nano "nama file"** "Digunakan untuk membuka teks editor nano dengan hak akses superuser (root). "



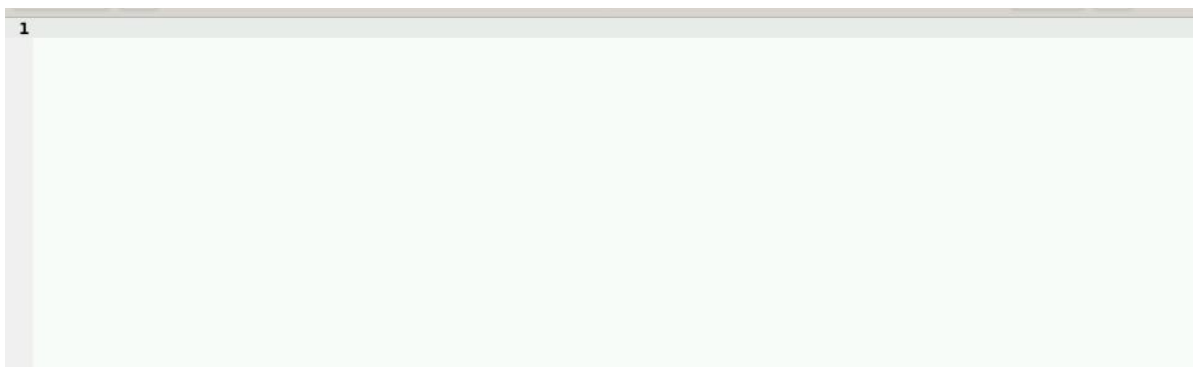
22. **pwd** "Menampilkan direktori kerja saat ini."

```
[student@workstation ~]$ pwd
/home/student
```

23. **w** "Menampilkan informasi pengguna yang sedang masuk dan aktivitas mereka."

```
[student@workstation ~]$ w
00:26:04 up 11 min,  1 user,  load average: 0.00, 0.01, 0.00
USER      TTY      LOGIN@  IDLE   JCPU   PCPU WHAT
student   :1          00:15  ?xdm?  15.24s  0.00s /usr/libexec/gdm-x-session --re
```

24. **sudo gedit "nama file"** "Digunakan untuk membuka teks editor Gedit dengan hak akses superuser (root)."



25. **sudo systemctl reboot** "Me-restart sistem."

```
Starting Accounts Service...
Starting Switcheroo Control Proxy service...
Starting User Login Management...
Starting Disk Manager...
Starting Daemon for power management...
OK | Started Avahi mDNS/DNS-SD Stack.
OK | Started System Logging Service.
OK | Started RealtimeKit Scheduling Policy Service.
OK | Started Switcheroo Control Proxy service.
OK | Started NTP client/server.
OK | Started User Login Management.
Starting File System Check on /dev/vda2...
OK | Finished File System Check on /dev/vda2.
Mounting EFI System Partition Automount...
OK | Mounted EFI System Partition Automount.
OK | Started Daemon for power management.
OK | Started Authorization Manager.
Starting Modem Manager...
Starting firewalld - dynamic firewall daemon...
OK | Started Accounts Service.
OK | Started Power Profiles daemon.
OK | Started Disk Manager.
5.1517551 NET: Registered PF_QIPCRTR protocol family
OK | Started Modem Manager.
OK | Started firewalld - dynamic firewall daemon.
5.5131701 cloud-init[991]: Cloud-init v. 21.1-19.el9 running 'init-local' at Mon, 29 Jan 2024 05:14:19 +0000. Up 5.48 seconds.
OK | Finished Initial cloud-init job (pre-networking).
OK | Reached target Preparation for Network.
Starting Network Manager...
OK | Started Network Manager.
OK | Reached target Network.
Starting Network Manager Wait Online...
Starting CUPS Scheduler...
Starting GSSAPI Proxy Daemon...
Starting Enable periodic u#f entitlement certificates....
Starting Hostname Service...
OK | Started Enable periodic up# of entitlement certificates..
OK | Started GSSAPI Proxy Daemon.
OK | Reached target NFS client services.
OK | Started CUPS Scheduler.
OK | Started Hostname Service.
OK | Listening on Load/Save RF #itch Status /dev/rfkill Watch.
Starting Network Manager Script Dispatcher Service...
OK | Started Network Manager Script Dispatcher Service.
OK | Finished Network Manager Wait Online.
Starting Initial cloud-ini# (metadata service crawler)...
```

26. **ps** "Menampilkan proses yang berjalan."

```
[student@workstation ~]$ ps
  PID TTY          TIME CMD
 3112 pts/0        00:00:00 bash
 3363 pts/0        00:00:00 ps
```

27. **passwd** "Mengganti kata sandi pengguna."

```
[student@workstation ~]$ passwd
Changing password for user student.
Current password:
New password:
BAD PASSWORD: The password contains the user name in some form
New password:
Retype new password:
passwd: all authentication tokens updated successfully.
```

28. **who** "Menampilkan pengguna yang sedang masuk."

```
[student@workstation ~]$ who
student  :1                2024-01-29 00:15 (:1)
```


29. **uptime** "Menampilkan informasi waktu aktif sistem."

```
[student@workstation ~]$ uptime
00:35:16 up 21 min,  1 user,  load average: 0.00, 0.00, 0.00
```

30. **crontab** "Menjadwalkan tugas-tugas yang akan dijalankan secara berkala."

```
[student@workstation ~]$ crontab
crontab: usage error: file name or - (for stdin) must be specified
Usage:
crontab [options] file
crontab [options]
crontab -n [hostname]

Options:
-u <user>  define user
-e         edit user's crontab
-l         list user's crontab
-r         delete user's crontab
-i         prompt before deleting
-n <host>  set host in cluster to run users' crontabs
-c         get host in cluster to run users' crontabs
-T <file>  test a crontab file syntax
-s         selinux context
-V         print version and exit
-x <mask>  enable debugging

Default operation is replace, per 1003.2
```

31. **lsuf** "Menampilkan file yang sedang digunakan oleh proses."

```
359680 16808392 /usr/lib64/libgssapi_krb5.so.2.2
lsuf   3259          student mem      REG      252,4
617376 16808083 /usr/lib64/libpcre2-8.so.0.10.2
lsuf   3259          student mem      REG      252,4
2389384 16807982 /usr/lib64/libc.so.6
lsuf   3259          student mem      REG      252,4
197136 16808406 /usr/lib64/libtirpc.so.3.0.0
lsuf   3259          student mem      REG      252,4
172632 16808086 /usr/lib64/libselinux.so.1
lsuf   3259          student mem      REG      252,4
910704 16807978 /usr/lib64/ld-linux-x86-64.so.2
lsuf   3259          student 4r      FIFO     0,13
0t0    35687 pipe
lsuf   3259          student 7w      FIFO     0,13
0t0    35688 pipe
kworker/u 3260          root  cwd    unknown
          /proc/3260/cwd (readlink: Permission denied)
kworker/u 3260          root  rtd    unknown
          /proc/3260/root (readlink: Permission denied)
kworker/u 3260          root  txt    unknown
          /proc/3260/exe (readlink: Permission denied)
kworker/u 3260          root  NOFD
          /proc/3260/fd (opendir: Permission denied)
[student@workstation ~]$ lsuf
```


32. **ps aux** "Menampilkan daftar semua proses yang sedang berjalan."

```
[student@workstation ~]$ ps aux
USER          PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
root           1  0.0  0.2 172068 16356 ?        Ss   00:14   0:01 /usr/lib/syst
root           2  0.0  0.0      0     0 ?        S    00:14   0:00 [kthreadd]
root           3  0.0  0.0      0     0 ?        I<   00:14   0:00 [rcu_gp]
root           4  0.0  0.0      0     0 ?        I<   00:14   0:00 [rcu_par_gp]
root           5  0.0  0.0      0     0 ?        I    00:14   0:00 [kworker/0:0-
root           6  0.0  0.0      0     0 ?        I<   00:14   0:00 [kworker/0:0H
root           9  0.0  0.0      0     0 ?        I<   00:14   0:00 [mm_percpu_wq
root          10  0.0  0.0      0     0 ?        S    00:14   0:00 [rcu_tasks_kt
root          11  0.0  0.0      0     0 ?        S    00:14   0:00 [rcu_tasks_ru
root          12  0.0  0.0      0     0 ?        S    00:14   0:00 [rcu_tasks_tr
root          13  0.0  0.0      0     0 ?        S    00:14   0:00 [ksoftirqd/0]
root          14  0.0  0.0      0     0 ?        I    00:14   0:00 [rcu_preempt]
root          15  0.0  0.0      0     0 ?        S    00:14   0:00 [migration/0]
root          16  0.0  0.0      0     0 ?        S    00:14   0:00 [cpuhp/0]
root          17  0.0  0.0      0     0 ?        S    00:14   0:00 [cpuhp/1]
root          18  0.0  0.0      0     0 ?        S    00:14   0:00 [migration/1]
root          19  0.0  0.0      0     0 ?        S    00:14   0:00 [ksoftirqd/1]
root          21  0.0  0.0      0     0 ?        I<   00:14   0:00 [kworker/1:0H
root          22  0.0  0.0      0     0 ?        S    00:14   0:00 [cpuhp/2]
root          23  0.0  0.0      0     0 ?        S    00:14   0:00 [migration/2]
root          24  0.0  0.0      0     0 ?        S    00:14   0:00 [ksoftirqd/2]
```

33. **du** "Menampilkan penggunaan disk suatu direktori."

```
[student@workstation ~]$ du
20    ./ssh
4     ./config/containers
4     ./config/dconf
4     ./config/ibus/bus
4     ./config/ibus
4     ./config/pulse
4     ./config/evolution/sources
4     ./config/evolution
0     ./config/goa-1.0
4     ./config/gtk-3.0
0     ./config/gnome-session/saved-session
0     ./config/gnome-session
4     ./config/cloud-init
56    ./config
60    ./venv/labs/bin/__pycache__
224   ./venv/labs/bin
4     ./venv/labs/lib/python3.9/site-packages/wheel/cli/__pycache__
28    ./venv/labs/lib/python3.9/site-packages/wheel/cli
28    ./venv/labs/lib/python3.9/site-packages/wheel/vendored/packaging/__pyca
che__
64    ./venv/labs/lib/python3.9/site-packages/wheel/vendored/packaging
4     ./venv/labs/lib/python3.9/site-packages/wheel/vendored/__pycache__
68    ./venv/labs/lib/python3.9/site-packages/wheel/vendored
```

34. **locate** "nama file" "Mencari file dalam database lokal."

```
[student@workstation ~]$ locate Music
/home/student/Music
```

35. **df** "Menampilkan informasi penggunaan disk."

```
[student@workstation ~]$ df
Filesystem      1K-blocks    Used Available Use% Mounted on
devtmpfs        2846028      0    2846028  0% /dev
tmpfs           2902336      84    2902252  1% /dev/shm
tmpfs           1160936    17680    1143256  2% /run
/dev/vda4       9756652 5981824    3774828 62% /
/dev/vda3       506528   186984    319544  37% /boot
/dev/vda2       204580    7148    197432   4% /boot/efi
tmpfs           580464     104    580360  1% /run/user/1000
/dev/sr0         492      492      0 100% /run/media/student/config-2
```

36. **find** "nama file" "Mencari file atau direktori."

```
[student@workstation ~]$ find Music
Music
```

37. **cal** "Menampilkan kalender."

```
[student@workstation ~]$ cal
      January 2024
Su Mo Tu We Th Fr 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 31
```

38. **dig** "Menampilkan informasi DNS."

```
[student@workstation ~]$ dig

; <<>> DiG 9.16.23-RH <<>>
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 19828
;; flags: qr rd ra; QUERY: 1, ANSWER: 13, AUTHORITY: 0, ADDITIONAL: 27

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
; COOKIE: c0728d60b06b8331b01ee1de65b73dac8a768748fe16d043 (good)
;; QUESTION SECTION:
; .                        IN      NS

;; ANSWER SECTION:
.      514992 IN      NS      h.root-servers.net.
.      514992 IN      NS      e.root-servers.net.
.      514992 IN      NS      k.root-servers.net.
.      514992 IN      NS      d.root-servers.net.
.      514992 IN      NS      i.root-servers.net.
.      514992 IN      NS      g.root-servers.net.
.      514992 IN      NS      a.root-servers.net.
.      514992 IN      NS      l.root-servers.net.
.      514992 IN      NS      j.root-servers.net.
```

39. **top** "Digunakan untuk memantau aktivitas sistem secara real-time."

```
[student@workstation ~]$ top
```

top - 00:56:06 up 41 min, 1 user, load average: 0.00, 0.00, 0.00
Tasks: 212 total, 1 running, 211 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.1 us, 0.1 sy, 0.0 ni, 99.8 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 5668.6 total, 4289.6 free, 761.9 used, 617.1 buff/cache
MiB Swap: 0.0 total, 0.0 free, 0.0 used. 4644.1 avail Mem

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
3339	student	20	0	226052	4368	3540	R	0.3	0.1	0:00.02	top
1	root	20	0	172068	16356	10344	S	0.0	0.3	0:01.54	systemd
2	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kthreadd
3	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_gp
4	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_par+
5	root	20	0	0	0	0	I	0.0	0.0	0:00.00	kworker+
6	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker+
9	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	mm_perc+
10	root	20	0	0	0	0	S	0.0	0.0	0:00.00	rcu_tas+
11	root	20	0	0	0	0	S	0.0	0.0	0:00.00	rcu_tas+
12	root	20	0	0	0	0	S	0.0	0.0	0:00.00	rcu_tas+
13	root	20	0	0	0	0	S	0.0	0.0	0:00.00	ksoftir+
14	root	20	0	0	0	0	I	0.0	0.0	0:00.04	rcu_pre+
15	root	rt	0	0	0	0	S	0.0	0.0	0:00.00	migrati+

40. **free** "Menampilkan penggunaan memori."

```
[student@workstation ~]$ free
```

	total	used	free	shared	buff/cache	available
Mem:	5804672	780516	4392064	22824	632092	4755148
Swap:	0	0	0			

41. **route** "Menampilkan dan mengonfigurasi routing tabel."

```
[student@workstation ~]$ route
```

Kernel IP routing table

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
default	bastion.lab.exa	0.0.0.0	UG	100	0	0	eth0
10.88.0.0	0.0.0.0	255.255.0.0	U	0	0	0	cni-podm
an0							
172.25.250.0	0.0.0.0	255.255.255.0	U	100	0	0	eth0

42. **history** "Menampilkan riwayat perintah shell."

```
[student@workstation ~]$ history
 1 shutdown -h now
 2 ls
 3 atq
 4 date
 5 systemctl start ssh
 6 man systemctl
 7 sudo su
 8 id
 9 ipconfig
10 ifconfig
11 hostname -I
12 whoami
13 netstart
14 netstat
15 msinfo32
16 msinfo64
17 msinfo32 /computer
18 ping
19 ping google.com
20 help
21 echo
```

43. **useradd -D** "Digunakan untuk melihat atau mengonfigurasi default untuk pembuatan pengguna baru di sistem Linux."

```
[student@workstation ~]$ useradd -D
GROUP=100
HOME=/home
INACTIVE=-1
EXPIRE=
SHELL=/bin/bash
SKEL=/etc/skel
CREATE_MAIL_SPOOL=yes
```

44. **killall -V** "Digunakan untuk menampilkan informasi versi perangkat lunak (version) dari perintah tersebut."

```
[student@workstation ~]$ killall -V
killall (PSmisc) 23.4
Copyright (C) 1993-2021 Werner Almesberger and Craig Small

PSmisc comes with ABSOLUTELY NO WARRANTY.
This is free software, and you are welcome to redistribute it under
the terms of the GNU General Public License.
For more information about these matters, see the files named COPYING.
```

45. **timedatectl** "Perintah pada sistem operasi Linux yang digunakan untuk mengonfigurasi dan menampilkan informasi waktu dan tanggal sistem."


```
[student@workstation ~]$ timedatectl
      Local time: Mon 2024-01-29 01:19:11 EST
    Universal time: Mon 2024-01-29 06:19:11 UTC
          RTC time: Mon 2024-01-29 06:19:11
        Time zone: America/New_York (EST, -0500)
System clock synchronized: yes
          NTP service: active
      RTC in local TZ: no
```

46. **timedatectl list-timezones** "Menampilkan daftar zona waktu yang tersedia."

```
[student@workstation ~]$ timedatectl list-timezones
Africa/Abidjan
Africa/Accra
Africa/Addis_Ababa
Africa/Algiers
Africa/Asmara
Africa/Asmera
Africa/Bamako
Africa/Bangui
Africa/Banjul
Africa/Bissau
Africa/Blantyre
Africa/Brazzaville
Africa/Bujumbura
Africa/Cairo
Africa/Casablanca
Africa/Ceuta
Africa/Conakry
Africa/Dakar
Africa/Dar_es_Salaam
Africa/Djibouti
Africa/Douala
```

47. **timedatectl set-timezone** "zona waktu yang kalian inginkan" "Mengganti zona waktu sistem dengan yang diinginkan."

```
[student@workstation ~]$ timedatectl set-timezone Asia/Chungking
[student@workstation ~]$ timedatectl
      Local time: Mon 2024-01-29 14:22:29 CST
    Universal time: Mon 2024-01-29 06:22:29 UTC
          RTC time: Mon 2024-01-29 06:22:29
        Time zone: Asia/Chungking (CST, +0800)
System clock synchronized: yes
          NTP service: active
      RTC in local TZ: no
```

48. **fg** "Mengembalikan proses dari latar belakang ke depan."

```
[student@workstation ~]$ fg  
timedatectl list-timezones
```

```
Asia/Almaty  
Asia/Amman  
Asia/Anadyr  
Asia/Aqtau  
Asia/Aqtobe  
Asia/Ashgabat  
Asia/Ashkhabad  
Asia/Atyrau  
Asia/Baghdad  
Asia/Bahrain  
Asia/Baku  
Asia/Bangkok  
Asia/Barnaul  
Asia/Beirut  
Asia/Bishkek  
Asia/Brunei  
Asia/Calcutta  
Asia/Chita  
Asia/Choibalsan  
Asia/Chongqing  
Asia/Chungking
```

49. **bg** "Mengirim proses ke latar belakang."

```
[student@workstation ~]$ bg  
[2]+  timedatectl list-timezones &  
  
[2]+  Stopped                  timedatectl list-timezones
```

50. **lsblk** "Menampilkan informasi blok perangkat penyimpanan."

```
[student@workstation ~]$ lsblk  
NAME    MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS  
sr0      11:0    1   492K  0  rom  /run/media/student/config-2  
vda     252:0    0    10G  0  disk  
├─vda1  252:1    0     1M  0  part  
├─vda2  252:2    0   200M  0  part /boot/efi  
├─vda3  252:3    0   500M  0  part /boot  
└─vda4  252:4    0   9.3G  0  part /var/lib/containers/storage/overlay  
/
```