Aws-linux\_practice-3

DELL@DESKTOP-2RL7JUM MINGW64 ~/Downloads/amazon\_lnx pair (master)

$ ssh -i "amazon\_lnx pair.pem" ec2-user@ec2-3-95-186-10.compute-1.amazonaws.com

The authenticity of host 'ec2-3-95-186-10.compute-1.amazonaws.com (3.95.186.10)' can't be established.

ED25519 key fingerprint is SHA256:Sit2eR7DLcjMVWEQo6STP/WkxRXJ+tBKywQ9F/DP29g.

This key is not known by any other names.

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Warning: Permanently added 'ec2-3-95-186-10.compute-1.amazonaws.com' (ED25519) to the list of known hosts.

, #\_

~\\_ ####\_ Amazon Linux 2023

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\_/m/'

[ec2-user@ip-172-31-87-21 ~]$ sudo su

[root@ip-172-31-87-21 ec2-user]# mkdir Lnx

[root@ip-172-31-87-21 ec2-user]# cd Lnx

[root@ip-172-31-87-21 Lnx]# mkdir -p gnx

[root@ip-172-31-87-21 Lnx]# cd gnx

[root@ip-172-31-87-21 gnx]# pwd

/home/ec2-user/Lnx/gnx

[root@ip-172-31-87-21 gnx]# touch fl1.py fl2.py dogs.txt breed.txt

[root@ip-172-31-87-21 gnx]# ls

breed.txt dogs.txt fl1.py fl2.py

[root@ip-172-31-87-21 gnx]# ls -al

total 0

drwxr-xr-x. 2 root root 67 Jun 22 12:12 **.**

drwxr-xr-x. 3 root root 17 Jun 22 12:11 **..**

-rw-r--r--. 1 root root 0 Jun 22 12:12 breed.txt

-rw-r--r--. 1 root root 0 Jun 22 12:12 dogs.txt

-rw-r--r--. 1 root root 0 Jun 22 12:12 fl1.py

-rw-r--r--. 1 root root 0 Jun 22 12:12 fl2.py

[root@ip-172-31-87-21 gnx]# vim fl1.py

[root@ip-172-31-87-21 gnx]# cat fl1.py

num==5

i=1

while i<=5;

prod=num\*i

print(prod)

i+=1

[root@ip-172-31-87-21 gnx]# vim dogs.txt

[root@ip-172-31-87-21 gnx]# vim breed.txt

[root@ip-172-31-87-21 gnx]# cat dogs.txt breed.txt

labro

german shepard

retriver

bull

german shepard

retriver

bull

pitbull

[root@ip-172-31-87-21 gnx]# vim breed.txt

[root@ip-172-31-87-21 gnx]# cat breed.txt

german shepard

retriver

bull

pitbull

labro

dane

[root@ip-172-31-87-21 gnx]# mv fl1.py fl2.py

mv: overwrite 'fl2.py'? no

[root@ip-172-31-87-21 gnx]# cat fl2.py

[root@ip-172-31-87-21 gnx]# mv fl1.py fl2.py

mv: overwrite 'fl2.py'? yes

[root@ip-172-31-87-21 gnx]# cat fl2.py

num==5

i=1

while i<=5;

prod=num\*i

print(prod)

i+=1

[root@ip-172-31-87-21 gnx]# find . -name dos.txt

[root@ip-172-31-87-21 gnx]# find . -name dogs.txt

./dogs.txt

[root@ip-172-31-87-21 gnx]# find . type -d -name Lnx

find: warning: the -d option is deprecated; please use -depth instead, because the latter is a POSIX-compliant feature.

find: ‘type’: No such file or directory

[root@ip-172-31-87-21 gnx]# find . -type d -name Lnx

[root@ip-172-31-87-21 gnx]# ls -al | grep Lnx

[root@ip-172-31-87-21 gnx]# ls -lR | grep Lnx

[root@ip-172-31-87-21 gnx]# find . -type f -size -30c

[root@ip-172-31-87-21 gnx]# find . -type f -size -100c

./fl2.py

./dogs.txt

./breed.txt

[root@ip-172-31-87-21 gnx]# find . -type f -mtime -1

./fl2.py

./dogs.txt

./breed.txt

[root@ip-172-31-87-21 gnx]# gzip -c dogs.txt > dogs.txt.gz

[root@ip-172-31-87-21 gnx]# ls

breed.txt dogs.txt **dogs.txt.gz** fl2.py

[root@ip-172-31-87-21 gnx]# touch fl1.py

[root@ip-172-31-87-21 gnx]# cp fl2.py fl1.py

cp: overwrite 'fl1.py'? no

[root@ip-172-31-87-21 gnx]# ls

breed.txt dogs.txt **dogs.txt.gz** fl1.py fl2.py

[root@ip-172-31-87-21 gnx]# tar -cf archive.tar fl1.py breed.txt fl2.py

[root@ip-172-31-87-21 gnx]# tar -tf archive.tar

fl1.py

breed.txt

fl2.py

[root@ip-172-31-87-21 gnx]# tail -n -10

^C

[root@ip-172-31-87-21 gnx]# tail -n -10 breed.txt

german shepard

retriver

bull

pitbull

labro

dane

[root@ip-172-31-87-21 gnx]# tail -n +3 breed.txt

bull

pitbull

labro

dane

[root@ip-172-31-87-21 gnx]# la -al | wc

bash: la: command not found

0 0 0

[root@ip-172-31-87-21 gnx]# ls -al | wc

9 74 415

[root@ip-172-31-87-21 gnx]# wc breed.txt

6 7 48 breed.txt

[root@ip-172-31-87-21 gnx]# wc -l breed.txt

6 breed.txt

[root@ip-172-31-87-21 gnx]# wc -w breed.txt

7 breed.txt

[root@ip-172-31-87-21 gnx]# wc -c breed.txt

48 breed.txt

[root@ip-172-31-87-21 gnx]# wc -m breed.txt

48 breed.txt

[root@ip-172-31-87-21 gnx]# wc -L breed.txt

14 breed.txt

[root@ip-172-31-87-21 gnx]# grep "labro" dogs.txt breed.txt

dogs.txt:**labro**

breed.txt:**labro**

[root@ip-172-31-87-21 gnx]# grep "labro" dogs.txt

**labro**

[root@ip-172-31-87-21 gnx]# grep -n "german shepaed" breed.txt

[root@ip-172-31-87-21 gnx]# grep -n "german shepard" breed.txt

1:**german shepard**

[root@ip-172-31-87-21 gnx]# grep -n "german shepard" dogs.txt

2:**german shepard**

[root@ip-172-31-87-21 gnx]# less fl1.py | grep -v "print(prod)"

[root@ip-172-31-87-21 gnx]# less fl1.py | grep -v "print(prod)" fl1.py

[root@ip-172-31-87-21 gnx]# cat fl1.py | grep -v "print"

[root@ip-172-31-87-21 gnx]# cat fl1.py | grep -v "print(prod)"

[root@ip-172-31-87-21 gnx]# cat dogs.txt | grep -v "bull"

labro

german shepard

retriver

[root@ip-172-31-87-21 gnx]# grep -i "bull" dogs.txt breed.txt

dogs.txt:**bull**

breed.txt:**bull**

breed.txt:pit**bull**

[root@ip-172-31-87-21 gnx]# sort dogs.txt

bull

german shepard

labro

retriver

[root@ip-172-31-87-21 gnx]# sort -r dogd.txt

sort: cannot read: dogd.txt: No such file or directory

[root@ip-172-31-87-21 gnx]# sort -r dogs.txt

retriver

labro

german shepard

bull

[root@ip-172-31-87-21 gnx]# ls -al | sort

-rw-r--r--. 1 root root 0 Jun 22 12:32 fl1.py

-rw-r--r--. 1 root root 35 Jun 22 12:17 dogs.txt

-rw-r--r--. 1 root root 48 Jun 22 12:19 breed.txt

-rw-r--r--. 1 root root 51 Jun 22 12:16 fl2.py

-rw-r--r--. 1 root root 64 Jun 22 12:31 dogs.txt.gz

-rw-r--r--. 1 root root 10240 Jun 22 12:34 archive.tar

drwxr-xr-x. 2 root root 105 Jun 22 12:34 .

drwxr-xr-x. 3 root root 17 Jun 22 12:11 ..

total 28

[root@ip-172-31-87-21 gnx]# sort -i dogs.txt

bull

german shepard

labro

retriver

[root@ip-172-31-87-21 gnx]# sort -i dogs.txt breed.txt

bull

bull

dane

german shepard

german shepard

labro

labro

pitbull

retriver

retriver

[root@ip-172-31-87-21 gnx]# sort -y dogs.txt breed.txt

bull

bull

dane

german shepard

german shepard

labro

labro

pitbull

retriver

retriver

[root@ip-172-31-87-21 gnx]# sort -n dogs.txt breed.txt

bull

bull

dane

german shepard

german shepard

labro

labro

pitbull

retriver

retriver

[root@ip-172-31-87-21 gnx]# sort -u dogs.txt breed.txt

bull

dane

german shepard

labro

pitbull

retriver

[root@ip-172-31-87-21 gnx]# diff dogs.txt breed.txt

1d0

< labro

4a4,6

> pitbull

> labro

> dane

[root@ip-172-31-87-21 gnx]# diff breed.txt dogs.txt

0a1

> labro

4,6d4

< pitbull

< labro

< dane

[root@ip-172-31-87-21 gnx]# diff -y dogs.txt breed.txt

labro <

german shepard german shepard

retriver retriver

bull bull

> pitbull

> labro

> dane

[root@ip-172-31-87-21 gnx]# echo "mawa"

mawa

[root@ip-172-31-87-21 gnx]# name="sudh"

[root@ip-172-31-87-21 gnx]# echo "$name mawa"

sudh mawa

[root@ip-172-31-87-21 gnx]# echo "\$name mawa"

$name mawa

[root@ip-172-31-87-21 gnx]# echo \*

archive.tar breed.txt dogs.txt dogs.txt.gz fl1.py fl2.py

[root@ip-172-31-87-21 gnx]# echo ~

/root

[root@ip-172-31-87-21 gnx]# echo "$(ls -al)"

total 28

drwxr-xr-x. 2 root root 105 Jun 22 12:34 .

drwxr-xr-x. 3 root root 17 Jun 22 12:11 ..

-rw-r--r--. 1 root root 10240 Jun 22 12:34 archive.tar

-rw-r--r--. 1 root root 48 Jun 22 12:19 breed.txt

-rw-r--r--. 1 root root 35 Jun 22 12:17 dogs.txt

-rw-r--r--. 1 root root 64 Jun 22 12:31 dogs.txt.gz

-rw-r--r--. 1 root root 0 Jun 22 12:32 fl1.py

-rw-r--r--. 1 root root 51 Jun 22 12:16 fl2.py

[root@ip-172-31-87-21 gnx]# getent passwd Maha

[root@ip-172-31-87-21 gnx]# sudo useradd Maha

[root@ip-172-31-87-21 gnx]# chown dogs.txt.gz

chown: missing operand after ‘dogs.txt.gz’

Try 'chown --help' for more information.

[root@ip-172-31-87-21 gnx]# chown Maha dogs.txt.gz

[root@ip-172-31-87-21 gnx]# getent group Rakesh

[root@ip-172-31-87-21 gnx]# sudo groupadd Rakesh

[root@ip-172-31-87-21 gnx]# chown Maha:Rakesh dogs.txt.gz

[root@ip-172-31-87-21 gnx]# ls -al

total 28

drwxr-xr-x. 2 root root 105 Jun 22 12:34 **.**

drwxr-xr-x. 3 root root 17 Jun 22 12:11 **..**

-rw-r--r--. 1 root root 10240 Jun 22 12:34 **archive.tar**

-rw-r--r--. 1 root root 48 Jun 22 12:19 breed.txt

-rw-r--r--. 1 root root 35 Jun 22 12:17 dogs.txt

-rw-r--r--. 1 Maha Rakesh 64 Jun 22 12:31 **dogs.txt.gz**

-rw-r--r--. 1 root root 0 Jun 22 12:32 fl1.py

-rw-r--r--. 1 root root 51 Jun 22 12:16 fl2.py

[root@ip-172-31-87-21 gnx]# chmod 766 dogs.txt.gz

[root@ip-172-31-87-21 gnx]# chmod ugr+x dogs.txt

chmod: invalid mode: ‘ugr+x’

Try 'chmod --help' for more information.

[root@ip-172-31-87-21 gnx]# chmod ugr+w dogs.txt

chmod: invalid mode: ‘ugr+w’

Try 'chmod --help' for more information.

[root@ip-172-31-87-21 gnx]# chmod ugo+w dogs.txt

[root@ip-172-31-87-21 gnx]# ls -al

total 28

drwxr-xr-x. 2 root root 105 Jun 22 12:34 **.**

drwxr-xr-x. 3 root root 17 Jun 22 12:11 **..**

-rw-r--r--. 1 root root 10240 Jun 22 12:34 **archive.tar**

-rw-r--r--. 1 root root 48 Jun 22 12:19 breed.txt

-rw-rw-rw-. 1 root root 35 Jun 22 12:17 dogs.txt

-rwxrw-rw-. 1 Maha Rakesh 64 Jun 22 12:31 **dogs.txt.gz**

-rw-r--r--. 1 root root 0 Jun 22 12:32 fl1.py

-rw-r--r--. 1 root root 51 Jun 22 12:16 fl2.py

[root@ip-172-31-87-21 gnx]# chmod 644 dogs.txt

[root@ip-172-31-87-21 gnx]# chmod u-x

chmod: missing operand after ‘u-x’

Try 'chmod --help' for more information.

[root@ip-172-31-87-21 gnx]# chmod u-x dogs.txt.gz

[root@ip-172-31-87-21 gnx]# chmod go-w dogs.txt.gz

[root@ip-172-31-87-21 gnx]# ls -al

total 28

drwxr-xr-x. 2 root root 105 Jun 22 12:34 **.**

drwxr-xr-x. 3 root root 17 Jun 22 12:11 **..**

-rw-r--r--. 1 root root 10240 Jun 22 12:34 **archive.tar**

-rw-r--r--. 1 root root 48 Jun 22 12:19 breed.txt

-rw-r--r--. 1 root root 35 Jun 22 12:17 dogs.txt

-rw-r--r--. 1 Maha Rakesh 64 Jun 22 12:31 **dogs.txt.gz**

-rw-r--r--. 1 root root 0 Jun 22 12:32 fl1.py

-rw-r--r--. 1 root root 51 Jun 22 12:16 fl2.py

[root@ip-172-31-87-21 gnx]# top

top - 13:09:09 up 59 min, 2 users, load average: 0.00, 0.00, 0.00

Tasks: **100** total, **1** running, **99** sleeping, **0** stopped, **0** zombie

%Cpu(s): **0.0** us, **0.0** sy, **0.0** ni,**100.0** id, **0.0** wa, **0.0** hi, **0.0** si, **0.0** st

MiB Mem : **949.4** total, **612.6** free, **122.3** used, **214.5** buff/cache

MiB Swap: **0.0** total, **0.0** free, **0.0** used. **689.7** avail Mem

PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND

1 root 20 0 106796 17140 10704 S 0.0 1.8 0:01.09 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\_gp

5 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 slub\_flushwq

6 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 netns

8 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/0:0H-events\_highpri

10 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 mm\_percpu\_wq

11 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu\_tasks\_kthread

12 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu\_tasks\_rude\_kthread

13 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu\_tasks\_trace\_kthread

14 root 20 0 0 0 0 S 0.0 0.0 0:00.06 ksoftirqd/0

15 root 20 0 0 0 0 I 0.0 0.0 0:00.07 rcu\_preempt

16 root rt 0 0 0 0 S 0.0 0.0 0:00.01 migration/0

18 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/0

20 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kdevtmpfs

21 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 inet\_frag\_wq

22 root 20 0 0 0 0 S 0.0 0.0 0:00.12 kauditd

23 root 20 0 0 0 0 S 0.0 0.0 0:00.00 khungtaskd

24 root 20 0 0 0 0 S 0.0 0.0 0:00.00 oom\_reaper

27 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 writeback

28 root 20 0 0 0 0 S 0.0 0.0 0:00.08 kcompactd0

29 root 39 19 0 0 0 S 0.0 0.0 0:00.00 khugepaged

30 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 cryptd

31 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kintegrityd

32 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kblockd

33 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 blkcg\_punt\_bio

34 root 20 0 0 0 0 S 0.0 0.0 0:00.00 xen-balloon

35 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 tpm\_dev\_wq

36 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 md

37 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 edac-poller

38 root -51 0 0 0 0 S 0.0 0.0 0:00.00 watchdogd

39 root 0 -20 0 0 0 I 0.0 0.0 0:00.03 kworker/0:1H-kblockd

73 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kswapd0

76 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 xfsalloc

77 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 xfs\_mru\_cache

80 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kthrotld

95 root 20 0 0 0 0 S 0.0 0.0 0:00.00 xenbus

96 root 20 0 0 0 0 S 0.0 0.0 0:00.00 xenwatch

134 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 nvme-wq

136 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 nvme-reset-wq

138 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 nvme-delete-wq

[1]+ Stopped top

[root@ip-172-31-87-21 gnx]# jobs

[1]+ Stopped top

[root@ip-172-31-87-21 gnx]# jobs \*

bash: jobs: archive.tar: no such job

bash: jobs: breed.txt: no such job

bash: jobs: dogs.txt: no such job

bash: jobs: dogs.txt.gz: no such job

bash: jobs: fl1.py: no such job

bash: jobs: fl2.py: no such job

[root@ip-172-31-87-21 gnx]# ps

PID TTY TIME CMD

2326 pts/1 00:00:00 sudo

2327 pts/1 00:00:00 su

2328 pts/1 00:00:00 bash

4161 pts/1 00:00:00 top

4218 pts/1 00:00:00 ps

[root@ip-172-31-87-21 gnx]# umask

0022

[root@ip-172-31-87-21 gnx]#

Broadcast message from root@localhost (Sun 2025-06-22 13:12:10 UTC):

The system will power off now!

Broadcast message from root@localhost (Sun 2025-06-22 13:12:10 UTC):

The system will power off now!

Connection to ec2-3-95-186-10.compute-1.amazonaws.com closed by remote host.

Connection to ec2-3-95-186-10.compute-1.amazonaws.com closed.

DELL@DESKTOP-2RL7JUM MINGW64 ~/Downloads/amazon\_lnx pair (master)

$ ssh -i "amazon\_lnx pair.pem" ec2-user@ec2-34-239-121-27.compute-1.amazonaws.com

The authenticity of host 'ec2-34-239-121-27.compute-1.amazonaws.com (34.239.121.27)' can't be established.

ED25519 key fingerprint is SHA256:Sit2eR7DLcjMVWEQo6STP/WkxRXJ+tBKywQ9F/DP29g.

This host key is known by the following other names/addresses:

~/.ssh/known\_hosts:11: ec2-3-95-186-10.compute-1.amazonaws.com

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Warning: Permanently added 'ec2-34-239-121-27.compute-1.amazonaws.com' (ED25519) to the list of known hosts.

, #\_

~\\_ ####\_ Amazon Linux 2023

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~~ \#/ \_\_\_ https://aws.amazon.com/linux/amazon-linux-2023

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\_/m/'

Last login: Sun Jun 22 12:10:36 2025 from 60.243.185.181

[ec2-user@ip-172-31-87-21 ~]$ sudo su

[root@ip-172-31-87-21 ec2-user]# cd Lnx/gnx

[root@ip-172-31-87-21 gnx]# umask

0022

[root@ip-172-31-87-21 gnx]# ls -al

total 28

drwxr-xr-x. 2 root root 105 Jun 22 12:34 **.**

drwxr-xr-x. 3 root root 17 Jun 22 12:11 **..**

-rw-r--r--. 1 root root 10240 Jun 22 12:34 **archive.tar**

-rw-r--r--. 1 root root 48 Jun 22 12:19 breed.txt

-rw-r--r--. 1 root root 35 Jun 22 12:17 dogs.txt

-rw-r--r--. 1 Maha Rakesh 64 Jun 22 12:31 **dogs.txt.gz**

-rw-r--r--. 1 root root 0 Jun 22 12:32 fl1.py

-rw-r--r--. 1 root root 51 Jun 22 12:16 fl2.py

[root@ip-172-31-87-21 gnx]# umask -S

u=rwx,g=rx,o=rx

[root@ip-172-31-87-21 gnx]# umask 321

[root@ip-172-31-87-21 gnx]# ls -al

total 28

drwxr-xr-x. 2 root root 105 Jun 22 12:34 **.**

drwxr-xr-x. 3 root root 17 Jun 22 12:11 **..**

-rw-r--r--. 1 root root 10240 Jun 22 12:34 **archive.tar**

-rw-r--r--. 1 root root 48 Jun 22 12:19 breed.txt

-rw-r--r--. 1 root root 35 Jun 22 12:17 dogs.txt

-rw-r--r--. 1 Maha Rakesh 64 Jun 22 12:31 **dogs.txt.gz**

-rw-r--r--. 1 root root 0 Jun 22 12:32 fl1.py

-rw-r--r--. 1 root root 51 Jun 22 12:16 fl2.py

[root@ip-172-31-87-21 gnx]# umask 022

[root@ip-172-31-87-21 gnx]# umask 321 fl1.py

[root@ip-172-31-87-21 gnx]# ls -al

total 28

drwxr-xr-x. 2 root root 105 Jun 22 12:34 **.**

drwxr-xr-x. 3 root root 17 Jun 22 12:11 **..**

-rw-r--r--. 1 root root 10240 Jun 22 12:34 **archive.tar**

-rw-r--r--. 1 root root 48 Jun 22 12:19 breed.txt

-rw-r--r--. 1 root root 35 Jun 22 12:17 dogs.txt

-rw-r--r--. 1 Maha Rakesh 64 Jun 22 12:31 **dogs.txt.gz**

-rw-r--r--. 1 root root 0 Jun 22 12:32 fl1.py

-rw-r--r--. 1 root root 51 Jun 22 12:16 fl2.py

[root@ip-172-31-87-21 gnx]# umask 000 fl1.py

[root@ip-172-31-87-21 gnx]# ls -al

total 28

drwxr-xr-x. 2 root root 105 Jun 22 12:34 **.**

drwxr-xr-x. 3 root root 17 Jun 22 12:11 **..**

-rw-r--r--. 1 root root 10240 Jun 22 12:34 **archive.tar**

-rw-r--r--. 1 root root 48 Jun 22 12:19 breed.txt

-rw-r--r--. 1 root root 35 Jun 22 12:17 dogs.txt

-rw-r--r--. 1 Maha Rakesh 64 Jun 22 12:31 **dogs.txt.gz**

-rw-r--r--. 1 root root 0 Jun 22 12:32 fl1.py

-rw-r--r--. 1 root root 51 Jun 22 12:16 fl2.py

[root@ip-172-31-87-21 gnx]# du

28 .

[root@ip-172-31-87-21 gnx]# du \*

12 archive.tar

4 breed.txt

4 dogs.txt

4 dogs.txt.gz

0 fl1.py

4 fl2.py

[root@ip-172-31-87-21 gnx]# umask 000 fl2.py

[root@ip-172-31-87-21 gnx]# ls -al

total 28

drwxr-xr-x. 2 root root 105 Jun 22 12:34 **.**

drwxr-xr-x. 3 root root 17 Jun 22 12:11 **..**

-rw-r--r--. 1 root root 10240 Jun 22 12:34 **archive.tar**

-rw-r--r--. 1 root root 48 Jun 22 12:19 breed.txt

-rw-r--r--. 1 root root 35 Jun 22 12:17 dogs.txt

-rw-r--r--. 1 Maha Rakesh 64 Jun 22 12:31 **dogs.txt.gz**

-rw-r--r--. 1 root root 0 Jun 22 12:32 fl1.py

-rw-r--r--. 1 root root 51 Jun 22 12:16 fl2.py

[root@ip-172-31-87-21 gnx]# du -h

28K .

[root@ip-172-31-87-21 gnx]# du -aH

4 ./fl2.py

4 ./dogs.txt

4 ./breed.txt

4 ./dogs.txt.gz

0 ./fl1.py

12 ./archive.tar

28 .

[root@ip-172-31-87-21 gnx]# du -ah

4.0K ./fl2.py

4.0K ./dogs.txt

4.0K ./breed.txt

4.0K ./dogs.txt.gz

0 ./fl1.py

12K ./archive.tar

28K .

[root@ip-172-31-87-21 gnx]# df

Filesystem 1K-blocks Used Available Use% Mounted on

devtmpfs 4096 0 4096 0% /dev

tmpfs 486088 0 486088 0% /dev/shm

tmpfs 194436 432 194004 1% /run

/dev/xvda1 8310764 1593024 6717740 20% /

tmpfs 486088 0 486088 0% /tmp

/dev/xvda128 10202 1314 8888 13% /boot/efi

tmpfs 97216 0 97216 0% /run/user/1000

[root@ip-172-31-87-21 gnx]# df -h

Filesystem Size Used Avail Use% Mounted on

devtmpfs 4.0M 0 4.0M 0% /dev

tmpfs 475M 0 475M 0% /dev/shm

tmpfs 190M 432K 190M 1% /run

/dev/xvda1 8.0G 1.6G 6.5G 20% /

tmpfs 475M 0 475M 0% /tmp

/dev/xvda128 10M 1.3M 8.7M 13% /boot/efi

tmpfs 95M 0 95M 0% /run/user/1000

[root@ip-172-31-87-21 gnx]# ps

PID TTY TIME CMD

2283 pts/1 00:00:00 sudo

2284 pts/1 00:00:00 su

2285 pts/1 00:00:00 bash

2612 pts/1 00:00:00 ps

[root@ip-172-31-87-21 gnx]# ps ax

PID TTY STAT TIME COMMAND

1 ? Ss 0:00 /usr/lib/systemd/systemd --switched-root --system --deserialize=32

2 ? S 0:00 [kthreadd]

3 ? I< 0:00 [rcu\_gp]

4 ? I< 0:00 [rcu\_par\_gp]

5 ? I< 0:00 [slub\_flushwq]

6 ? I< 0:00 [netns]

8 ? I< 0:00 [kworker/0:0H-events\_highpri]

9 ? I 0:00 [kworker/u30:0-xfs-cil/xvda1]

10 ? I< 0:00 [mm\_percpu\_wq]

11 ? I 0:00 [rcu\_tasks\_kthread]

12 ? I 0:00 [rcu\_tasks\_rude\_kthread]

13 ? I 0:00 [rcu\_tasks\_trace\_kthread]

14 ? S 0:00 [ksoftirqd/0]

15 ? I 0:00 [rcu\_preempt]

16 ? S 0:00 [migration/0]

18 ? S 0:00 [cpuhp/0]

20 ? S 0:00 [kdevtmpfs]

21 ? I< 0:00 [inet\_frag\_wq]

22 ? S 0:00 [kauditd]

23 ? S 0:00 [khungtaskd]

24 ? S 0:00 [oom\_reaper]

26 ? I 0:00 [kworker/u30:2-events\_unbound]

27 ? I< 0:00 [writeback]

28 ? S 0:00 [kcompactd0]

29 ? SN 0:00 [khugepaged]

30 ? I< 0:00 [cryptd]

31 ? I< 0:00 [kintegrityd]

32 ? I< 0:00 [kblockd]

33 ? I< 0:00 [blkcg\_punt\_bio]

34 ? S 0:00 [xen-balloon]

35 ? I< 0:00 [tpm\_dev\_wq]

36 ? I< 0:00 [md]

37 ? I< 0:00 [edac-poller]

38 ? S 0:00 [watchdogd]

39 ? I< 0:00 [kworker/0:1H-kblockd]

73 ? S 0:00 [kswapd0]

76 ? I< 0:00 [xfsalloc]

77 ? I< 0:00 [xfs\_mru\_cache]

80 ? I< 0:00 [kthrotld]

83 ? I 0:00 [kworker/0:2-mm\_percpu\_wq]

95 ? S 0:00 [xenbus]

96 ? S 0:00 [xenwatch]

134 ? I< 0:00 [nvme-wq]

136 ? I< 0:00 [nvme-reset-wq]

138 ? I< 0:00 [nvme-delete-wq]

162 ? I< 0:00 [mld]

163 ? I< 0:00 [ipv6\_addrconf]

173 ? I< 0:00 [kstrp]

185 ? I< 0:00 [zswap-shrink]

186 ? I< 0:00 [kworker/u31:0]

357 ? I 0:00 [kworker/0:3-cgroup\_destroy]

1029 ? I< 0:00 [xfs-buf/xvda1]

1030 ? I< 0:00 [xfs-conv/xvda1]

1031 ? I< 0:00 [xfs-reclaim/xvd]

1032 ? I< 0:00 [xfs-blockgc/xvd]

1033 ? I< 0:00 [xfs-inodegc/xvd]

1034 ? I< 0:00 [xfs-log/xvda1]

1035 ? I< 0:00 [xfs-cil/xvda1]

1036 ? S 0:00 [xfsaild/xvda1]

1077 ? I 0:00 [kworker/0:4-cgroup\_destroy]

1092 ? Ss 0:00 /usr/lib/systemd/systemd-journald

1757 ? Ss 0:00 /usr/lib/systemd/systemd-udevd

1761 ? Ss 0:00 /usr/lib/systemd/systemd-resolved

1776 ? S<sl 0:00 /sbin/auditd

1903 ? I< 0:00 [ata\_sff]

1917 ? S 0:00 [scsi\_eh\_0]

1919 ? I< 0:00 [scsi\_tmf\_0]

1923 ? S 0:00 [scsi\_eh\_1]

1924 ? I< 0:00 [scsi\_tmf\_1]

1946 ? I< 0:00 [rpciod]

1947 ? I< 0:00 [xprtiod]

1949 ? Ss 0:00 /usr/bin/systemd-inhibit --what=handle-suspend-key:handle-hibernate-key --who=noah --why=acpid instead --mode=block /usr/sbin/acpid -f

1952 ? Ss 0:00 /usr/bin/lsmd -d

1955 ? Ss 0:00 /usr/lib/systemd/systemd-homed

1956 ? Ss 0:00 /usr/lib/systemd/systemd-logind

1957 ? Ss 0:00 /usr/bin/dbus-broker-launch --scope system --audit

1959 ? Ss 0:00 /usr/lib/systemd/systemd-networkd

1965 ? S 0:00 dbus-broker --log 4 --controller 9 --machine-id ec26164c939d46a207b84ae114755f4e --max-bytes 536870912 --max-fds 4096 --max-matches 16384 --aud

1972 ? Ssl 0:00 /usr/sbin/gssproxy -D

1993 ? S 0:00 /usr/sbin/acpid -f

2121 ? Ssl 0:00 /usr/bin/amazon-ssm-agent

2125 ? Ss 0:00 sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups

2132 ? Ss 0:00 /usr/sbin/atd -f

2133 tty1 Ss+ 0:00 /sbin/agetty -o -p -- \u --noclear - linux

2134 ttyS0 Ss+ 0:00 /sbin/agetty -o -p -- \u --keep-baud 115200,57600,38400,9600 - vt220

2154 ? S 0:00 /usr/sbin/chronyd -F 2

2178 ? Ss 0:00 sshd: ec2-user [priv]

2181 ? Ss 0:00 /usr/lib/systemd/systemd-userdbd

2186 ? Ss 0:00 /usr/lib/systemd/systemd --user

2188 ? S 0:00 (sd-pam)

2195 ? S 0:00 sshd: ec2-user@pts/0

2196 pts/0 Ss 0:00 -bash

2281 pts/0 S+ 0:00 sudo su

2283 pts/1 Ss 0:00 sudo su

2284 pts/1 S 0:00 su

2285 pts/1 S 0:00 bash

2505 ? I 0:00 [kworker/0:0-cgroup\_destroy]

2607 ? S 0:00 systemd-userwork: waiting...

2608 ? S 0:00 systemd-userwork: waiting...

2609 ? S 0:00 systemd-userwork: waiting...

2613 pts/1 R+ 0:00 ps ax

[root@ip-172-31-87-21 gnx]# ps ax | grep dogs.txt

2671 pts/1 S+ 0:00 grep --color=auto **dogs.txt**

[root@ip-172-31-87-21 gnx]# top

top - 08:05:30 up 13 min, 2 users, load average: 0.00, 0.00, 0.00

Tasks: **99** total, **1** running, **98** sleeping, **0** stopped, **0** zombie

%Cpu(s): **0.0** us, **0.0** sy, **0.0** ni,**100.0** id, **0.0** wa, **0.0** hi, **0.0** si, **0.0** st

MiB Mem : **949.4** total, **622.9** free, **115.8** used, **210.7** buff/cache

MiB Swap: **0.0** total, **0.0** free, **0.0** used. **696.3** avail Mem

PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND

1 root 20 0 106804 17084 10620 S 0.0 1.8 0:00.93 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\_gp

5 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 slub\_flushwq

6 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 netns

top - 08:06:52 up 15 min, 2 users, load average: 0.00, 0.00, 0.00

Tasks: **100** total, **1** running, **99** sleeping, **0** stopped, **0** zombie

%Cpu(s): **0.0** us, **0.0** sy, **0.0** ni,**100.0** id, **0.0** wa, **0.0** hi, **0.0** si, **0.0** st

MiB Mem : **949.4** total, **622.9** free, **115.7** used, **210.8** buff/cache

MiB Swap: **0.0** total, **0.0** free, **0.0** used. **696.3** avail Mem

PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND

1 root 20 0 106804 17084 10620 S 0.0 1.8 0:00.94 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\_gp

5 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 slub\_flushwq

6 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 netns

8 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/0:0H-events\_highpri

9 root 20 0 0 0 0 I 0.0 0.0 0:00.07 kworker/u30:0-events\_unbound

10 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 mm\_percpu\_wq

11 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu\_tasks\_kthread

12 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu\_tasks\_rude\_kthread

13 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu\_tasks\_trace\_kthread

14 root 20 0 0 0 0 S 0.0 0.0 0:00.04 ksoftirqd/0

15 root 20 0 0 0 0 I 0.0 0.0 0:00.05 rcu\_preempt

16 root rt 0 0 0 0 S 0.0 0.0 0:00.00 migration/0

18 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/0

20 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kdevtmpfs

21 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 inet\_frag\_wq

22 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kauditd

23 root 20 0 0 0 0 S 0.0 0.0 0:00.00 khungtaskd

24 root 20 0 0 0 0 S 0.0 0.0 0:00.00 oom\_reaper

26 root 20 0 0 0 0 I 0.0 0.0 0:00.01 kworker/u30:2-events\_unbound

27 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 writeback

28 root 20 0 0 0 0 S 0.0 0.0 0:00.02 kcompactd0

29 root 39 19 0 0 0 S 0.0 0.0 0:00.00 khugepaged

30 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 cryptd

31 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kintegrityd

32 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kblockd

33 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 blkcg\_punt\_bio

34 root 20 0 0 0 0 S 0.0 0.0 0:00.00 xen-balloon

35 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 tpm\_dev\_wq

36 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 md

37 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 edac-poller

38 root -51 0 0 0 0 S 0.0 0.0 0:00.00 watchdogd

39 root 0 -20 0 0 0 I 0.0 0.0 0:00.01 kworker/0:1H-kblockd

73 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kswapd0

76 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 xfsalloc

77 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 xfs\_mru\_cache

80 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kthrotld

83 root 20 0 0 0 0 I 0.0 0.0 0:00.05 kworker/0:2-events\_power\_efficient

95 root 20 0 0 0 0 S 0.0 0.0 0:00.00 xenbus

96 root 20 0 0 0 0 S 0.0 0.0 0:00.00 xenwatch

[1]+ Stopped top

[root@ip-172-31-87-21 gnx]# ^C

[root@ip-172-31-87-21 gnx]# jobs

[1]+ Stopped top

[root@ip-172-31-87-21 gnx]# who

ec2-user pts/0 2025-06-23 07:52 (60.243.185.181)

ec2-user pts/1 2025-06-23 07:52 (60.243.185.181)

[root@ip-172-31-87-21 gnx]# whoami

root

[root@ip-172-31-87-21 gnx]# who am i

ec2-user pts/1 2025-06-23 07:52 (60.243.185.181)

[root@ip-172-31-87-21 gnx]# who -ah

who: invalid option -- 'h'

Try 'who --help' for more information.

[root@ip-172-31-87-21 gnx]# who -aH

NAME LINE TIME IDLE PID COMMENT EXIT

system boot 2025-06-23 07:51

LOGIN - 2025-06-23 07:52 2134 id=tyS0

LOGIN - 2025-06-23 07:52 2133 id=tty1

ec2-user + pts/0 2025-06-23 07:52 00:22 2178 (60.243.185.181)

run-level 5 2025-06-23 07:52

ec2-user + pts/1 2025-06-23 07:52 . 2281 (60.243.185.181)

[root@ip-172-31-87-21 gnx]# traceroute google.com

traceroute to google.com (172.253.63.102), 30 hops max, 60 byte packets

1 100.100.8.108 (100.100.8.108) 2.717 ms 100.100.6.58 (100.100.6.58) 0.486 ms 100.100.8.88 (100.100.8.88) 0.923 ms

2 240.0.236.14 (240.0.236.14) 0.865 ms 240.0.236.35 (240.0.236.35) 0.807 ms 240.0.236.33 (240.0.236.33) 1.029 ms

3 100.100.36.98 (100.100.36.98) 1.212 ms \* \*

4 \* \* 99.83.115.171 (99.83.115.171) 0.745 ms

5 192.178.84.149 (192.178.84.149) 0.749 ms 192.178.105.219 (192.178.105.219) 1.847 ms 192.178.248.25 (192.178.248.25) 1.789 ms

6 192.178.110.112 (192.178.110.112) 5.361 ms 192.178.243.4 (192.178.243.4) 1.238 ms 192.178.243.2 (192.178.243.2) 1.502 ms

7 72.14.233.183 (72.14.233.183) 13.516 ms 108.170.232.199 (108.170.232.199) 1.819 ms 216.239.63.232 (216.239.63.232) 1.498 ms

8 142.250.59.233 (142.250.59.233) 1.466 ms 142.251.226.93 (142.251.226.93) 1.846 ms 1.991 ms

9 142.250.209.248 (142.250.209.248) 9.691 ms 172.253.51.59 (172.253.51.59) 1.446 ms 172.253.71.206 (172.253.71.206) 7.304 ms

10 172.253.72.29 (172.253.72.29) 2.357 ms 172.253.72.25 (172.253.72.25) 1.695 ms 172.253.72.1 (172.253.72.1) 2.559 ms

11 \* \* \*

12 \* \* \*

13 \* \* \*

14 \* \* \*

15 \* \* \*

16 \* \* \*

17 \* \* \*

18 \* \* \*

19 \* \* \*

20 bi-in-f102.1e100.net (172.253.63.102) 1.367 ms 1.321 ms \*

[root@ip-172-31-87-21 gnx]# export name="sudh"

[root@ip-172-31-87-21 gnx]# ./script.sh

bash: ./script.sh: No such file or directory

[root@ip-172-31-87-21 gnx]# .bin/bash

bash: .bin/bash: No such file or directory

[root@ip-172-31-87-21 gnx]# cronetab -l

bash: cronetab: command not found

[root@ip-172-31-87-21 gnx]# crontab -l

bash: crontab: command not found

[root@ip-172-31-87-21 gnx]# EDITOR=nano crontab -e

bash: crontab: command not found

[root@ip-172-31-87-21 gnx]# EDITOR=vim crontab -e

bash: crontab: command not found

[root@ip-172-31-87-21 gnx]# crontab -e

bash: crontab: command not found

[root@ip-172-31-87-21 gnx]# uname

Linux

[root@ip-172-31-87-21 gnx]# uname -mp

x86\_64 x86\_64

[root@ip-172-31-87-21 gnx]# uname -srv

Linux 6.1.140-154.222.amzn2023.x86\_64 #1 SMP PREEMPT\_DYNAMIC Mon Jun 2 15:11:40 UTC 2025

[root@ip-172-31-87-21 gnx]# uname -n

ip-172-31-87-21.ec2.internal

[root@ip-172-31-87-21 gnx]# uname -a

Linux ip-172-31-87-21.ec2.internal 6.1.140-154.222.amzn2023.x86\_64 #1 SMP PREEMPT\_DYNAMIC Mon Jun 2 15:11:40 UTC 2025 x86\_64 x86\_64 x86\_64 GNU/Linux

[root@ip-172-31-87-21 gnx]# uname -s

Linux

[root@ip-172-31-87-21 gnx]# env

SHELL=/bin/bash

SUDO\_GID=1000

SYSTEMD\_COLORS=false

HOSTNAME=ip-172-31-87-21.ec2.internal

HISTSIZE=1000

SUDO\_COMMAND=/usr/bin/su

SUDO\_USER=ec2-user

PWD=/home/ec2-user/Lnx/gnx

LOGNAME=root

HOME=/root

LANG=C.UTF-8

LS\_COLORS=rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=40;31;01:mi=01;37;41:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:\*.tar=01;31:\*.tgz=01;31:\*.arc=01;31:\*.arj=01;31:\*.taz=01;31:\*.lha=01;31:\*.lz4=01;31:\*.lzh=01;31:\*.lzma=01;31:\*.tlz=01;31:\*.txz=01;31:\*.tzo=01;31:\*.t7z=01;31:\*.zip=01;31:\*.z=01;31:\*.dz=01;31:\*.gz=01;31:\*.lrz=01;31:\*.lz=01;31:\*.lzo=01;31:\*.xz=01;31:\*.zst=01;31:\*.tzst=01;31:\*.bz2=01;31:\*.bz=01;31:\*.tbz=01;31:\*.tbz2=01;31:\*.tz=01;31:\*.deb=01;31:\*.rpm=01;31:\*.jar=01;31:\*.war=01;31:\*.ear=01;31:\*.sar=01;31:\*.rar=01;31:\*.alz=01;31:\*.ace=01;31:\*.zoo=01;31:\*.cpio=01;31:\*.7z=01;31:\*.rz=01;31:\*.cab=01;31:\*.wim=01;31:\*.swm=01;31:\*.dwm=01;31:\*.esd=01;31:\*.jpg=01;35:\*.jpeg=01;35:\*.mjpg=01;35:\*.mjpeg=01;35:\*.gif=01;35:\*.bmp=01;35:\*.pbm=01;35:\*.pgm=01;35:\*.ppm=01;35:\*.tga=01;35:\*.xbm=01;35:\*.xpm=01;35:\*.tif=01;35:\*.tiff=01;35:\*.png=01;35:\*.svg=01;35:\*.svgz=01;35:\*.mng=01;35:\*.pcx=01;35:\*.mov=01;35:\*.mpg=01;35:\*.mpeg=01;35:\*.m2v=01;35:\*.mkv=01;35:\*.webm=01;35:\*.webp=01;35:\*.ogm=01;35:\*.mp4=01;35:\*.m4v=01;35:\*.mp4v=01;35:\*.vob=01;35:\*.qt=01;35:\*.nuv=01;35:\*.wmv=01;35:\*.asf=01;35:\*.rm=01;35:\*.rmvb=01;35:\*.flc=01;35:\*.avi=01;35:\*.fli=01;35:\*.flv=01;35:\*.gl=01;35:\*.dl=01;35:\*.xcf=01;35:\*.xwd=01;35:\*.yuv=01;35:\*.cgm=01;35:\*.emf=01;35:\*.ogv=01;35:\*.ogx=01;35:\*.aac=01;36:\*.au=01;36:\*.flac=01;36:\*.m4a=01;36:\*.mid=01;36:\*.midi=01;36:\*.mka=01;36:\*.mp3=01;36:\*.mpc=01;36:\*.ogg=01;36:\*.ra=01;36:\*.wav=01;36:\*.oga=01;36:\*.opus=01;36:\*.spx=01;36:\*.xspf=01;36:

TERM=xterm

LESSOPEN=||/usr/bin/lesspipe.sh %s

USER=root

SHLVL=1

S\_COLORS=auto

which\_declare=declare -f

PATH=/root/.local/bin:/root/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/var/lib/snapd/snap/bin

SUDO\_UID=1000

MAIL=/var/spool/mail/ec2-user

OLDPWD=/home/ec2-user

name=sudh

BASH\_FUNC\_which%%=() { ( alias;

eval ${which\_declare} ) | /usr/bin/which --tty-only --read-alias --read-functions --show-tilde --show-dot "$@"

}

\_=/usr/bin/env

[root@ip-172-31-87-21 gnx]# --version

bash: --version: command not found

[root@ip-172-31-87-21 gnx]# env --version

env (GNU coreutils) 8.32

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There is NO WARRANTY, to the extent permitted by law.

Written by Richard Mlynarik, David MacKenzie, and Assaf Gordon.

[root@ip-172-31-87-21 gnx]# printenv

SHELL=/bin/bash

SUDO\_GID=1000

SYSTEMD\_COLORS=false

HOSTNAME=ip-172-31-87-21.ec2.internal

HISTSIZE=1000

SUDO\_COMMAND=/usr/bin/su

SUDO\_USER=ec2-user

PWD=/home/ec2-user/Lnx/gnx

LOGNAME=root

HOME=/root

LANG=C.UTF-8

LS\_COLORS=rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=40;31;01:mi=01;37;41:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:\*.tar=01;31:\*.tgz=01;31:\*.arc=01;31:\*.arj=01;31:\*.taz=01;31:\*.lha=01;31:\*.lz4=01;31:\*.lzh=01;31:\*.lzma=01;31:\*.tlz=01;31:\*.txz=01;31:\*.tzo=01;31:\*.t7z=01;31:\*.zip=01;31:\*.z=01;31:\*.dz=01;31:\*.gz=01;31:\*.lrz=01;31:\*.lz=01;31:\*.lzo=01;31:\*.xz=01;31:\*.zst=01;31:\*.tzst=01;31:\*.bz2=01;31:\*.bz=01;31:\*.tbz=01;31:\*.tbz2=01;31:\*.tz=01;31:\*.deb=01;31:\*.rpm=01;31:\*.jar=01;31:\*.war=01;31:\*.ear=01;31:\*.sar=01;31:\*.rar=01;31:\*.alz=01;31:\*.ace=01;31:\*.zoo=01;31:\*.cpio=01;31:\*.7z=01;31:\*.rz=01;31:\*.cab=01;31:\*.wim=01;31:\*.swm=01;31:\*.dwm=01;31:\*.esd=01;31:\*.jpg=01;35:\*.jpeg=01;35:\*.mjpg=01;35:\*.mjpeg=01;35:\*.gif=01;35:\*.bmp=01;35:\*.pbm=01;35:\*.pgm=01;35:\*.ppm=01;35:\*.tga=01;35:\*.xbm=01;35:\*.xpm=01;35:\*.tif=01;35:\*.tiff=01;35:\*.png=01;35:\*.svg=01;35:\*.svgz=01;35:\*.mng=01;35:\*.pcx=01;35:\*.mov=01;35:\*.mpg=01;35:\*.mpeg=01;35:\*.m2v=01;35:\*.mkv=01;35:\*.webm=01;35:\*.webp=01;35:\*.ogm=01;35:\*.mp4=01;35:\*.m4v=01;35:\*.mp4v=01;35:\*.vob=01;35:\*.qt=01;35:\*.nuv=01;35:\*.wmv=01;35:\*.asf=01;35:\*.rm=01;35:\*.rmvb=01;35:\*.flc=01;35:\*.avi=01;35:\*.fli=01;35:\*.flv=01;35:\*.gl=01;35:\*.dl=01;35:\*.xcf=01;35:\*.xwd=01;35:\*.yuv=01;35:\*.cgm=01;35:\*.emf=01;35:\*.ogv=01;35:\*.ogx=01;35:\*.aac=01;36:\*.au=01;36:\*.flac=01;36:\*.m4a=01;36:\*.mid=01;36:\*.midi=01;36:\*.mka=01;36:\*.mp3=01;36:\*.mpc=01;36:\*.ogg=01;36:\*.ra=01;36:\*.wav=01;36:\*.oga=01;36:\*.opus=01;36:\*.spx=01;36:\*.xspf=01;36:

TERM=xterm

LESSOPEN=||/usr/bin/lesspipe.sh %s

USER=root

SHLVL=1

S\_COLORS=auto

which\_declare=declare -f

PATH=/root/.local/bin:/root/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/var/lib/snapd/snap/bin

SUDO\_UID=1000

MAIL=/var/spool/mail/ec2-user

OLDPWD=/home/ec2-user

name=sudh

BASH\_FUNC\_which%%=() { ( alias;

eval ${which\_declare} ) | /usr/bin/which --tty-only --read-alias --read-functions --show-tilde --show-dot "$@"

}

\_=/usr/bin/printenv

[root@ip-172-31-87-21 gnx]#