```
Xshell 7 (Build 0141)
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Type `help' to learn how to use Xshell prompt.
[C:\~]$

Host 'ec2-13-236-207-27.ap-southeast-2.compute.amazonaws.com' resolved to 13.236.2
07.27.
Connecting to 13.236.207.27:22...
Connection established.
To escape to local shell, press 'Ctrl+Alt+]'.

WARNING! The remote SSH server rejected X11 forwarding request.
     ,       #_
   ~\_   ####_          Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
       _/m/'
Last login: Wed Dec  6 12:40:20 2023 from 171.88.111.180
[ec2-user@ip-172-31-19-79 ~]$ sudo -s
[root@ip-172-31-19-79 ec2-user]# cd ..
[root@ip-172-31-19-79 home]# ls
aaa.tar  ec2-user
[root@ip-172-31-19-79 home]# tar -xvf aaa.tar
./b.txt
[root@ip-172-31-19-79 home]# ls
aaa.tar  b.txt  ec2-user
[root@ip-172-31-19-79 home]# cat b.txt
yyyyyyyyy
[root@ip-172-31-19-79 home]# find / -name 'install_l*'
/usr/lib/python3.9/site-packages/setuptools/_distutils/command/__pycache__/install_
lib.cpython-39.opt-1.pyc
/usr/lib/python3.9/site-packages/setuptools/_distutils/command/__pycache__/install_
lib.cpython-39.pyc
/usr/lib/python3.9/site-packages/setuptools/_distutils/command/install_lib.py
/usr/lib/python3.9/site-packages/setuptools/command/__pycache__/install_lib.cpython
-39.opt-1.pyc
/usr/lib/python3.9/site-packages/setuptools/command/__pycache__/install_lib.cpython
-39.pyc
/usr/lib/python3.9/site-packages/setuptools/command/install_lib.py
/usr/lib64/python3.9/distutils/command/__pycache__/install_lib.cpython-39.opt-2.pyc
/usr/lib64/python3.9/distutils/command/__pycache__/install_lib.cpython-39.opt-1.pyc
/usr/lib64/python3.9/distutils/command/__pycache__/install_lib.cpython-39.pyc
/usr/lib64/python3.9/distutils/command/install_lib.py
[root@ip-172-31-19-79 home]# find / -perm -777 -type d -ls
   11669      0 drwxrwxrwt   2 root     root           40 Dec  5 17:55 /dev/mqueue
       1      0 drwxrwxrwt   2 root     root           40 Dec  5 17:55 /dev/shm
       1      0 drwxrwxrwt  11 root     root          220 Dec  6 12:49 /tmp
      24      0 drwxrwxrwt   2 root     root           40 Dec  5 17:55 /tmp/system
d-private-131edf5d0f2442059730e15cb7e60678-chronyd.service-AiApIA/tmp
      18      0 drwxrwxrwt   2 root     root           40 Dec  5 17:55 /tmp/system
d-private-131edf5d0f2442059730e15cb7e60678-systemd-logind.service-a08Ghc/tmp
      14      0 drwxrwxrwt   2 root     root           40 Dec  5 17:55 /tmp/system
d-private-131edf5d0f2442059730e15cb7e60678-dbus-broker.service-MLKvLR/tmp
      12      0 drwxrwxrwt   2 root     root           40 Dec  5 17:55 /tmp/system
d-private-131edf5d0f2442059730e15cb7e60678-policy-routes@enX0.service-5MRXrE/tmp
       7      0 drwxrwxrwt   2 root     root           40 Dec  5 17:55 /tmp/system
d-private-131edf5d0f2442059730e15cb7e60678-systemd-resolved.service-mSBPCh/tmp
       5      0 drwxrwxrwt   2 root     root           40 Dec  5 17:55 /tmp/.font-
unix
       4      0 drwxrwxrwt   2 root     root           40 Dec  5 17:55 /tmp/.XIM-u
nix
       3      0 drwxrwxrwt   2 root     root           40 Dec  5 17:55 /tmp/.ICE-u
nix
```

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         2          0 drwxrwxrwt   2 root       root             40 Dec  5 17:55 /tmp/.X11-u
nix
   8524849         16 drwxrwxrwt   8 root       root          16384 Dec  6 12:49 /var/tmp
   8519829          0 drwxrwxrwt   2 root       root              6 Dec  5 17:55 /var/tmp/sy
stemd-private-131edf5d0f2442059730e15cb7e60678-systemd-resolved.service-Xk4DnC/tmp
      1047          0 drwxrwxrwt   2 root       root              6 Dec  5 17:55 /var/tmp/sy
stemd-private-131edf5d0f2442059730e15cb7e60678-policy-routes@enX0.service-Lw1cSf/tm
p
   9506449          0 drwxrwxrwt   2 root       root              6 Dec  5 17:55 /var/tmp/sy
stemd-private-131edf5d0f2442059730e15cb7e60678-dbus-broker.service-UXmggw/tmp
   9506456          0 drwxrwxrwt   2 root       root              6 Dec  5 17:55 /var/tmp/sy
stemd-private-131edf5d0f2442059730e15cb7e60678-systemd-logind.service-PpQxG9/tmp
   9506482          0 drwxrwxrwt   2 root       root              6 Dec  5 17:55 /var/tmp/cl
oud-init
    999267          0 drwxrwxrwt   2 root       root              6 Dec  5 17:55 /var/tmp/sy
stemd-private-131edf5d0f2442059730e15cb7e60678-chronyd.service-1Vascr/tmp
[root@ip-172-31-19-79 home]# ls
aaa.tar  b.txt  ec2-user
[root@ip-172-31-19-79 home]# cat b.txt
yyyyyyyyy
[root@ip-172-31-19-79 home]# grep y b.txt -color
b.txt
[root@ip-172-31-19-79 home]# touch a.txt
[root@ip-172-31-19-79 home]# ls
a.txt  aaa.tar  b.txt  ec2-user
[root@ip-172-31-19-79 home]# cat a.txt
[root@ip-172-31-19-79 home]# vim a.txt
[root@ip-172-31-19-79 home]# cat a.txt
yyy
yyyyyy
yyyyyyyyy
[root@ip-172-31-19-79 home]# cat /etc/passwd > a.txt
[root@ip-172-31-19-79 home]# cat a.txt
root:x:0:0:root:/root:/bin/bash
bin:x:1:1:bin:/bin:/sbin/nologin
daemon:x:2:2:daemon:/sbin:/sbin/nologin
adm:x:3:4:adm:/var/adm:/sbin/nologin
lp:x:4:7:lp:/var/spool/lpd:/sbin/nologin
sync:x:5:0:sync:/sbin:/bin/sync
shutdown:x:6:0:shutdown:/sbin:/sbin/shutdown
halt:x:7:0:halt:/sbin:/sbin/halt
mail:x:8:12:mail:/var/spool/mail:/sbin/nologin
operator:x:11:0:operator:/root:/sbin/nologin
games:x:12:100:games:/usr/games:/sbin/nologin
ftp:x:14:50:FTP User:/var/ftp:/sbin/nologin
nobody:x:65534:65534:Kernel Overflow User:/:/sbin/nologin
dbus:x:81:81:System message bus:/:/sbin/nologin
systemd-network:x:192:192:systemd Network Management:/:/usr/sbin/nologin
systemd-oom:x:999:999:systemd Userspace OOM Killer:/:/usr/sbin/nologin
systemd-resolve:x:193:193:systemd Resolver:/:/usr/sbin/nologin
sshd:x:74:74:Privilege-separated SSH:/usr/share/empty.sshd:/sbin/nologin
rpc:x:32:32:Rpcbind Daemon:/var/lib/rpcbind:/sbin/nologin
libstoragemgmt:x:997:997:daemon account for libstoragemgmt:/:/usr/sbin/nologin
systemd-coredump:x:996:996:systemd Core Dumper:/:/usr/sbin/nologin
systemd-timesync:x:995:995:systemd Time Synchronization:/:/usr/sbin/nologin
chrony:x:994:994:chrony system user:/var/lib/chrony:/sbin/nologin
ec2-instance-connect:x:993:993::/home/ec2-instance-connect:/sbin/nologin
rpcuser:x:29:29:RPC Service User:/var/lib/nfs:/sbin/nologin
tcpdump:x:72:72::/:/sbin/nologin
ec2-user:x:1000:1000:EC2 Default User:/home/ec2-user:/bin/bash
[root@ip-172-31-19-79 home]# cat /etc/passwd >> b.txt
[root@ip-172-31-19-79 home]# cat b.txt
yyyyyyyyy
root:x:0:0:root:/root:/bin/bash
bin:x:1:1:bin:/bin:/sbin/nologin
daemon:x:2:2:daemon:/sbin:/sbin/nologin
adm:x:3:4:adm:/var/adm:/sbin/nologin
lp:x:4:7:lp:/var/spool/lpd:/sbin/nologin
sync:x:5:0:sync:/sbin:/bin/sync
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shutdown:x:6:0:shutdown:/sbin:/sbin/shutdown
halt:x:7:0:halt:/sbin:/sbin/halt
mail:x:8:12:mail:/var/spool/mail:/sbin/nologin
operator:x:11:0:operator:/root:/sbin/nologin
games:x:12:100:games:/usr/games:/sbin/nologin
ftp:x:14:50:FTP User:/var/ftp:/sbin/nologin
nobody:x:65534:65534:Kernel Overflow User:/:/sbin/nologin
dbus:x:81:81:System message bus:/:/sbin/nologin
systemd-network:x:192:192:systemd Network Management:/:/usr/sbin/nologin
systemd-oom:x:999:999:systemd Userspace OOM Killer:/:/usr/sbin/nologin
systemd-resolve:x:193:193:systemd Resolver:/:/usr/sbin/nologin
sshd:x:74:74:Privilege-separated SSH:/usr/share/empty.sshd:/sbin/nologin
rpc:x:32:32:Rpcbind Daemon:/var/lib/rpcbind:/sbin/nologin
libstoragemgmt:x:997:997:daemon account for libstoragemgmt:/:/usr/sbin/nologin
systemd-coredump:x:996:996:systemd Core Dumper:/:/usr/sbin/nologin
systemd-timesync:x:995:995:systemd Time Synchronization:/:/usr/sbin/nologin
chrony:x:994:994:chrony system user:/var/lib/chrony:/sbin/nologin
ec2-instance-connect:x:993:993::/home/ec2-instance-connect:/sbin/nologin
rpcuser:x:29:29:RPC Service User:/var/lib/nfs:/sbin/nologin
tcpdump:x:72:72::/:/sbin/nologin
ec2-user:x:1000:1000:EC2 Default User:/home/ec2-user:/bin/bash
[root@ip-172-31-19-79 home]# ps -ef
UID          PID    PPID  C STIME TTY          TIME CMD
root           1       0  0 Dec05 ?        00:00:04 /usr/lib/systemd/systemd --swit
root           2       0  0 Dec05 ?        00:00:00 [kthreadd]
root           3       2  0 Dec05 ?        00:00:00 [rcu_gp]
root           4       2  0 Dec05 ?        00:00:00 [rcu_par_gp]
root           5       2  0 Dec05 ?        00:00:00 [slub_flushwq]
root           6       2  0 Dec05 ?        00:00:00 [netns]
root           8       2  0 Dec05 ?        00:00:00 [kworker/0:0H-events_highpri]
root          10       2  0 Dec05 ?        00:00:00 [mm_percpu_wq]
root          11       2  0 Dec05 ?        00:00:00 [rcu_tasks_kthread]
root          12       2  0 Dec05 ?        00:00:00 [rcu_tasks_rude_kthread]
root          13       2  0 Dec05 ?        00:00:00 [rcu_tasks_trace_kthread]
root          14       2  0 Dec05 ?        00:00:00 [ksoftirqd/0]
root          15       2  0 Dec05 ?        00:00:00 [rcu_preempt]
root          16       2  0 Dec05 ?        00:00:00 [migration/0]
root          18       2  0 Dec05 ?        00:00:00 [cpuhp/0]
root          20       2  0 Dec05 ?        00:00:00 [kdevtmpfs]
root          21       2  0 Dec05 ?        00:00:00 [inet_frag_wq]
root          22       2  0 Dec05 ?        00:00:00 [kauditd]
root          23       2  0 Dec05 ?        00:00:00 [khungtaskd]
root          24       2  0 Dec05 ?        00:00:00 [oom_reaper]
root          27       2  0 Dec05 ?        00:00:00 [writeback]
root          28       2  0 Dec05 ?        00:00:01 [kcompactd0]
root          29       2  0 Dec05 ?        00:00:00 [khugepaged]
root          30       2  0 Dec05 ?        00:00:00 [kintegrityd]
root          31       2  0 Dec05 ?        00:00:00 [kblockd]
root          32       2  0 Dec05 ?        00:00:00 [blkcg_punt_bio]
root          33       2  0 Dec05 ?        00:00:00 [xen-balloon]
root          34       2  0 Dec05 ?        00:00:00 [tpm_dev_wq]
root          35       2  0 Dec05 ?        00:00:00 [md]
root          36       2  0 Dec05 ?        00:00:00 [edac-poller]
root          37       2  0 Dec05 ?        00:00:00 [watchdogd]
root          38       2  0 Dec05 ?        00:00:00 [kworker/0:1H-xfs-log/xvda1]
root          73       2  0 Dec05 ?        00:00:00 [kswapd0]
root          76       2  0 Dec05 ?        00:00:00 [xfsalloc]
root          77       2  0 Dec05 ?        00:00:00 [xfs_mru_cache]
root          80       2  0 Dec05 ?        00:00:00 [kthrotld]
root          95       2  0 Dec05 ?        00:00:00 [xenbus]
root          96       2  0 Dec05 ?        00:00:00 [xenwatch]
root         133       2  0 Dec05 ?        00:00:00 [nvme-wq]
root         135       2  0 Dec05 ?        00:00:00 [nvme-reset-wq]
root         137       2  0 Dec05 ?        00:00:00 [nvme-delete-wq]
root         160       2  0 Dec05 ?        00:00:00 [mld]
root         161       2  0 Dec05 ?        00:00:00 [ipv6_addrconf]
root         171       2  0 Dec05 ?        00:00:00 [kstrp]
root         180       2  0 Dec05 ?        00:00:00 [zswap-shrink]
root         181       2  0 Dec05 ?        00:00:00 [kworker/u31:0]
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root          975       2  0 Dec05 ?        00:00:00 [xfs-buf/xvda1]
root          976       2  0 Dec05 ?        00:00:00 [xfs-conv/xvda1]
root          977       2  0 Dec05 ?        00:00:00 [xfs-reclaim/xvd]
root          978       2  0 Dec05 ?        00:00:00 [xfs-blockgc/xvd]
root          979       2  0 Dec05 ?        00:00:00 [xfs-inodegc/xvd]
root          980       2  0 Dec05 ?        00:00:00 [xfs-log/xvda1]
root          981       2  0 Dec05 ?        00:00:00 [xfs-cil/xvda1]
root          982       2  0 Dec05 ?        00:00:14 [xfsaild/xvda1]
root         1055       1  0 Dec05 ?        00:00:03 /usr/lib/systemd/systemd-journa
root         1709       1  0 Dec05 ?        00:00:00 /usr/lib/systemd/systemd-udevd
systemd+     1722       1  0 Dec05 ?        00:00:00 /usr/lib/systemd/systemd-resolv
root         1728       1  0 Dec05 ?        00:00:00 /sbin/auditd
root         1831       2  0 Dec05 ?        00:00:00 [ata_sff]
root         1837       2  0 Dec05 ?        00:00:00 [scsi_eh_0]
root         1848       2  0 Dec05 ?        00:00:00 [cryptd]
root         1861       2  0 Dec05 ?        00:00:00 [scsi_tmf_0]
root         1866       2  0 Dec05 ?        00:00:00 [scsi_eh_1]
root         1868       2  0 Dec05 ?        00:00:00 [scsi_tmf_1]
root         1928       2  0 Dec05 ?        00:00:00 [rpciod]
root         1930       2  0 Dec05 ?        00:00:00 [xprtiod]
root         1939       1  0 Dec05 ?        00:00:00 /usr/bin/systemd-inhibit --what
libstor+     1942       1  0 Dec05 ?        00:00:00 /usr/bin/lsmd -d
root         1946       1  0 Dec05 ?        00:00:12 /usr/sbin/rngd -f -x pkcs11 -x
root         1947       1  0 Dec05 ?        00:00:00 /usr/sbin/sssd -i --logger=file
root         1952       1  0 Dec05 ?        00:00:00 /usr/lib/systemd/systemd-homed
dbus         1958       1  0 Dec05 ?        00:00:00 /usr/bin/dbus-broker-launch --s
systemd+     1963       1  0 Dec05 ?        00:00:00 /usr/lib/systemd/systemd-networ
dbus         1973    1958  0 Dec05 ?        00:00:00 dbus-broker --log 4 --controlle
root         1977    1947  0 Dec05 ?        00:00:00 /usr/libexec/sssd/sssd_be --dom
root         1981    1947  0 Dec05 ?        00:00:01 /usr/libexec/sssd/sssd_nss --ui
root         1982       1  0 Dec05 ?        00:00:00 /usr/sbin/gssproxy -D
root         1988       1  0 Dec05 ?        00:00:00 /usr/lib/systemd/systemd-logind
root         2004    1939  0 Dec05 ?        00:00:00 /usr/sbin/acpid -f
root         2153       1  0 Dec05 ?        00:00:02 /usr/bin/amazon-ssm-agent
root         2158       1  0 Dec05 ?        00:00:00 sshd: /usr/sbin/sshd -D [listen
root         2167       1  0 Dec05 ?        00:00:00 /usr/sbin/atd -f
root         2168       1  0 Dec05 tty1     00:00:00 /sbin/agetty -o -p -- \u --nocl
root         2169       1  0 Dec05 ttyS0    00:00:00 /sbin/agetty -o -p -- \u --keep
chrony       2187       1  0 Dec05 ?        00:00:01 /usr/sbin/chronyd -F 2
root         2581       1  0 Dec05 ?        00:00:00 /usr/lib/systemd/systemd-userdb
ec2-user    25858       1  0 09:40 ?        00:00:00 /usr/lib/systemd/systemd --user
ec2-user    25884   25858  0 09:40 ?        00:00:00 (sd-pam)
root        30102       2  0 12:13 ?        00:00:00 [kworker/u30:2-flush-202:0]
root        30511       2  0 12:30 ?        00:00:00 [kworker/0:3-cgroup_destroy]
root        31175       2  0 12:46 ?        00:00:00 [kworker/0:0-events_power_effic
root        31202    2158  0 12:46 ?        00:00:00 sshd: ec2-user [priv]
ec2-user    31205   31202  0 12:46 ?        00:00:00 sshd: ec2-user@pts/0
ec2-user    31206   31205  0 12:46 pts/0    00:00:00 -bash
root        31229   31206  0 12:46 pts/0    00:00:00 sudo -s
root        31231   31229  0 12:46 pts/0    00:00:00 /bin/bash
root        31251       2  0 12:46 ?        00:00:00 [kworker/u30:0-events_unbound]
root        31507    2581  0 12:54 ?        00:00:00 systemd-userwork: waiting...
root        31508    2581  0 12:54 ?        00:00:00 systemd-userwork: waiting...
root        31509    2581  0 12:55 ?        00:00:00 systemd-userwork: waiting...
root        31558       2  0 12:56 ?        00:00:00 [kworker/0:1-events]
root        31559   31231  0 12:56 pts/0    00:00:00 ps -ef
[root@ip-172-31-19-79 home]# ps -ef | grep bash
ec2-user    31206   31205  0 12:46 pts/0    00:00:00 -bash
root        31231   31229  0 12:46 pts/0    00:00:00 /bin/bash
root        31561   31231  0 12:57 pts/0    00:00:00 grep --color=auto bash
[root@ip-172-31-19-79 home]# kill 3989
bash: kill: (3989) - No such process
[root@ip-172-31-19-79 home]# ls --help | more
Usage: ls [OPTION]... [FILE]...
List information about the FILEs (the current directory by default).
Sort entries alphabetically if none of -cftuvSUX nor --sort is specified.

Mandatory arguments to long options are mandatory for short options too.
  -a, --all                  do not ignore entries starting with .
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 -A, --almost-all           do not list implied . and ..
     --author               with -l, print the author of each file
 -b, --escape               print C-style escapes for nongraphic characters
     --block-size=SIZE      with -l, scale sizes by SIZE when printing them;
                              e.g., '--block-size=M'; see SIZE format below
 -B, --ignore-backups       do not list implied entries ending with ~
 -c                         with -lt: sort by, and show, ctime (time of last
                              modification of file status information);
                              with -l: show ctime and sort by name;
                              otherwise: sort by ctime, newest first
 -C                         list entries by columns
     --color[=WHEN]         colorize the output; WHEN can be 'always' (default
                              if omitted), 'auto', or 'never'; more info below
 -d, --directory            list directories themselves, not their contents
 -D, --dired                generate output designed for Emacs' dired mode
 -f                         do not sort, enable -aU, disable -ls --color
 -F, --classify             append indicator (one of */=>@|) to entries
     --file-type            likewise, except do not append '*'
     --format=WORD          across -x, commas -m, horizontal -x, long -l,
                              single-column -1, verbose -l, vertical -C
     --full-time            like -l --time-style=full-iso
 -g                         like -l, but do not list owner
     --group-directories-first
                            group directories before files;
                              can be augmented with a --sort option, but any
                              use of --sort=none (-U) disables grouping
 -G, --no-group             in a long listing, don't print group names
 -h, --human-readable       with -l and -s, print sizes like 1K 234M 2G etc.
     --si                   likewise, but use powers of 1000 not 1024
 -H, --dereference-command-line
                            follow symbolic links listed on the command line
     --dereference-command-line-symlink-to-dir
                            follow each command line symbolic link
                              that points to a directory
     --hide=PATTERN         do not list implied entries matching shell PATTERN
                              (overridden by -a or -A)
     --hyperlink[=WHEN]     hyperlink file names; WHEN can be 'always'
                              (default if omitted), 'auto', or 'never'
     --indicator-style=WORD  append indicator with style WORD to entry names:
                              none (default), slash (-p),
                              file-type (--file-type), classify (-F)
 -i, --inode                print the index number of each file
 -I, --ignore=PATTERN       do not list implied entries matching shell PATTERN
 -k, --kibibytes            default to 1024-byte blocks for disk usage;
                              used only with -s and per directory totals
 -l                         use a long listing format
 -L, --dereference          when showing file information for a symbolic
                              link, show information for the file the link
                              references rather than for the link itself
 -m                         fill width with a comma separated list of entries
 -n, --numeric-uid-gid      like -l, but list numeric user and group IDs
 -N, --literal              print entry names without quoting
 -o                         like -l, but do not list group information
 -p, --indicator-style=slash
                            append / indicator to directories
 -q, --hide-control-chars   print ? instead of nongraphic characters
     --show-control-chars   show nongraphic characters as-is (the default,
                              unless program is 'ls' and output is a terminal)
 -Q, --quote-name           enclose entry names in double quotes
     --quoting-style=WORD   use quoting style WORD for entry names:
                              literal, locale, shell, shell-always,
                              shell-escape, shell-escape-always, c, escape
                              (overrides QUOTING_STYLE environment variable)
 -r, --reverse              reverse order while sorting
 -R, --recursive            list subdirectories recursively
 -s, --size                 print the allocated size of each file, in blocks
 -S                         sort by file size, largest first
     --sort=WORD            sort by WORD instead of name: none (-U), size (-S),
                              time (-t), version (-v), extension (-X)
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      --time=WORD              change the default of using modification times;
                                 access time (-u): atime, access, use;
                                 change time (-c): ctime, status;
                                 birth time: birth, creation;
                               with -l, WORD determines which time to show;
                               with --sort=time, sort by WORD (newest first)
      --time-style=TIME_STYLE  time/date format with -l; see TIME_STYLE below
  -t                           sort by time, newest first; see --time
  -T, --tabsize=COLS           assume tab stops at each COLS instead of 8
  -u                           with -lt: sort by, and show, access time;
                                 with -l: show access time and sort by name;
                                 otherwise: sort by access time, newest first
  -U                           do not sort; list entries in directory order
  -v                           natural sort of (version) numbers within text
  -w, --width=COLS             set output width to COLS.  0 means no limit
  -x                           list entries by lines instead of by columns
  -X                           sort alphabetically by entry extension
  -Z, --context                print any security context of each file
  -1                           list one file per line.  Avoid '\n' with -q or -b
      --help     display this help and exit
      --version  output version information and exit

The SIZE argument is an integer and optional unit (example: 10K is 10*1024).
Units are K,M,G,T,P,E,Z,Y (powers of 1024) or KB,MB,... (powers of 1000).
Binary prefixes can be used, too: KiB=K, MiB=M, and so on.

The TIME_STYLE argument can be full-iso, long-iso, iso, locale, or +FORMAT.
FORMAT is interpreted like in date(1).  If FORMAT is FORMAT1<newline>FORMAT2,
then FORMAT1 applies to non-recent files and FORMAT2 to recent files.
TIME_STYLE prefixed with 'posix-' takes effect only outside the POSIX locale.
Also the TIME_STYLE environment variable sets the default style to use.

Using color to distinguish file types is disabled both by default and
with --color=never.  With --color=auto, ls emits color codes only when
standard output is connected to a terminal.  The LS_COLORS environment
variable can change the settings.  Use the dircolors command to set it.

Exit status:
 0  if OK,
 1  if minor problems (e.g., cannot access subdirectory),
 2  if serious trouble (e.g., cannot access command-line argument).

GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
Report any translation bugs to <https://translationproject.org/team/>
Full documentation <https://www.gnu.org/software/coreutils/ls>
or available locally via: info '(coreutils) ls invocation'
[root@ip-172-31-19-79 home]# ls -l
total 12
-rw-r--r--. 1 root     root      1436 Dec  6 12:54 a.txt
-rw-r--r--. 1 root     root       122 Dec  6 12:45 aaa.tar
-rw-r--r--. 1 root     root      1446 Dec  6 12:55 b.txt
drwx------. 3 ec2-user ec2-user  108 Dec  6 11:02 ec2-user
[root@ip-172-31-19-79 home]# chmod +x b.txt
[root@ip-172-31-19-79 home]# ls -l
total 12
-rw-r--r--. 1 root     root      1436 Dec  6 12:54 a.txt
-rw-r--r--. 1 root     root       122 Dec  6 12:45 aaa.tar
-rwxr-xr-x. 1 root     root      1446 Dec  6 12:55 b.txt
drwx------. 3 ec2-user ec2-user  108 Dec  6 11:02 ec2-user
[root@ip-172-31-19-79 home]# chmod 777 b.txt
[root@ip-172-31-19-79 home]# ls -l
total 12
-rw-r--r--. 1 root     root      1436 Dec  6 12:54 a.txt
-rw-r--r--. 1 root     root       122 Dec  6 12:45 aaa.tar
-rwxrwxrwx. 1 root     root      1446 Dec  6 12:55 b.txt
drwx------. 3 ec2-user ec2-user  108 Dec  6 11:02 ec2-user
[root@ip-172-31-19-79 home]# hostname
ip-172-31-19-79.ap-southeast-2.compute.internal
[root@ip-172-31-19-79 home]# hostname toubun
```

```
[root@ip-172-31-19-79 home]# hostname
toubun
[root@ip-172-31-19-79 home]# ifconfig
enX0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 9001
        inet 172.31.19.79  netmask 255.255.240.0  broadcast 172.31.31.255
        inet6 fe80::8fa:50ff:fef5:635f  prefixlen 64  scopeid 0x20<link>
        ether 0a:fa:50:f5:63:5f  txqueuelen 1000  (Ethernet)
        RX packets 45002  bytes 26221872 (25.0 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 31236  bytes 4167543 (3.9 MiB)
        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>
        loop  txqueuelen 1000  (Local Loopback)
        RX packets 12  bytes 1020 (1020.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 12  bytes 1020 (1020.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

[root@ip-172-31-19-79 home]# service network status
Redirecting to /bin/systemctl status network.service
Unit network.service could not be found.
[root@ip-172-31-19-79 home]# ^C
[root@ip-172-31-19-79 home]# service network status
Redirecting to /bin/systemctl status network.service
Unit network.service could not be found.
[root@ip-172-31-19-79 home]# service network restart
Redirecting to /bin/systemctl restart network.service
Failed to restart network.service: Unit network.service not found.
[root@ip-172-31-19-79 home]# service network-manager restart
Redirecting to /bin/systemctl restart network-manager.service
Failed to restart network-manager.service: Unit network-manager.service not found.
[root@ip-172-31-19-79 home]# systemctl stop NetworkManager
Failed to stop NetworkManager.service: Unit NetworkManager.service not loaded.
[root@ip-172-31-19-79 home]# ^C
[root@ip-172-31-19-79 home]# sudo systemctl stop dhcpcd
Failed to stop dhcpcd.service: Unit dhcpcd.service not loaded.
[root@ip-172-31-19-79 home]# yum install httpd
Last metadata expiration check: 19:28:57 ago on Tue Dec  5 17:56:04 2023.
Dependencies resolved.
================================================================================
 Package               Arch      Version                    Repository     Size
================================================================================
Installing:
 httpd                 x86_64    2.4.58-1.amzn2023          amazonlinux    47 k
Installing dependencies:
 apr                   x86_64    1.7.2-2.amzn2023.0.2       amazonlinux   129 k
 apr-util              x86_64    1.6.3-1.amzn2023.0.1       amazonlinux    98 k
 generic-logos-httpd   noarch    18.0.0-12.amzn2023.0.3     amazonlinux    19 k
 httpd-core            x86_64    2.4.58-1.amzn2023          amazonlinux   1.4 M
 httpd-filesystem      noarch    2.4.58-1.amzn2023          amazonlinux    14 k
 httpd-tools           x86_64    2.4.58-1.amzn2023          amazonlinux    81 k
 libbrotli             x86_64    1.0.9-4.amzn2023.0.2       amazonlinux   315 k
 mailcap               noarch    2.1.49-3.amzn2023.0.3      amazonlinux    33 k
Installing weak dependencies:
 apr-util-openssl      x86_64    1.6.3-1.amzn2023.0.1       amazonlinux    17 k
 mod_http2             x86_64    2.0.11-2.amzn2023          amazonlinux   150 k
 mod_lua               x86_64    2.4.58-1.amzn2023          amazonlinux    61 k

Transaction Summary
================================================================================
Install  12 Packages

Total download size: 2.3 M
Installed size: 6.9 M
Is this ok [y/N]: y
Downloading Packages:
```

```
(1/12): libbrotli-1.0.9-4.amzn2023.0.2.x86_64.rpm   3.1 MB/s | 315 kB    00:00
(2/12): httpd-2.4.58-1.amzn2023.x86_64.rpm          1.7 MB/s |  47 kB    00:00
(3/12): apr-1.7.2-2.amzn2023.0.2.x86_64.rpm         950 kB/s | 129 kB    00:00
(4/12): apr-util-1.6.3-1.amzn2023.0.1.x86_64.rpm    658 kB/s |  98 kB    00:00
(5/12): mod_http2-2.0.11-2.amzn2023.x86_64.rpm      1.4 MB/s | 150 kB    00:00
(6/12): httpd-tools-2.4.58-1.amzn2023.x86_64.rpm    868 kB/s |  81 kB    00:00
(7/12): httpd-core-2.4.58-1.amzn2023.x86_64.rpm      11 MB/s | 1.4 MB    00:00
(8/12): apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_  656 kB/s |  17 kB    00:00
(9/12): mod_lua-2.4.58-1.amzn2023.x86_64.rpm        1.5 MB/s |  61 kB    00:00
(10/12): mailcap-2.1.49-3.amzn2023.0.3.noarch.rpm   1.5 MB/s |  33 kB    00:00
(11/12): generic-logos-httpd-18.0.0-12.amzn2023.0.  705 kB/s |  19 kB    00:00
(12/12): httpd-filesystem-2.4.58-1.amzn2023.noarch  331 kB/s |  14 kB    00:00
--------------------------------------------------------------------------------
Total                                               6.0 MB/s | 2.3 MB    00:00
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing        :                                                         1/1
  Installing       : apr-1.7.2-2.amzn2023.0.2.x86_64                        1/12
  Installing       : apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64           2/12
  Installing       : apr-util-1.6.3-1.amzn2023.0.1.x86_64                   3/12
  Installing       : mailcap-2.1.49-3.amzn2023.0.3.noarch                   4/12
  Installing       : httpd-tools-2.4.58-1.amzn2023.x86_64                   5/12
  Running scriptlet: httpd-filesystem-2.4.58-1.amzn2023.noarch             6/12
  Installing       : httpd-filesystem-2.4.58-1.amzn2023.noarch             6/12
  Installing       : httpd-core-2.4.58-1.amzn2023.x86_64                    7/12
  Installing       : mod_http2-2.0.11-2.amzn2023.x86_64                     8/12
  Installing       : mod_lua-2.4.58-1.amzn2023.x86_64                       9/12
  Installing       : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch     10/12
  Installing       : libbrotli-1.0.9-4.amzn2023.0.2.x86_64                  11/12
  Installing       : httpd-2.4.58-1.amzn2023.x86_64                         12/12
  Running scriptlet: httpd-2.4.58-1.amzn2023.x86_64                         12/12
  Verifying        : libbrotli-1.0.9-4.amzn2023.0.2.x86_64                   1/12
  Verifying        : apr-util-1.6.3-1.amzn2023.0.1.x86_64                    2/12
  Verifying        : apr-1.7.2-2.amzn2023.0.2.x86_64                         3/12
  Verifying        : httpd-2.4.58-1.amzn2023.x86_64                          4/12
  Verifying        : mod_http2-2.0.11-2.amzn2023.x86_64                      5/12
  Verifying        : httpd-core-2.4.58-1.amzn2023.x86_64                     6/12
  Verifying        : httpd-tools-2.4.58-1.amzn2023.x86_64                    7/12
  Verifying        : mod_lua-2.4.58-1.amzn2023.x86_64                        8/12
  Verifying        : apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64            9/12
  Verifying        : mailcap-2.1.49-3.amzn2023.0.3.noarch                   10/12
  Verifying        : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch      11/12
  Verifying        : httpd-filesystem-2.4.58-1.amzn2023.noarch              12/12

Installed:
  apr-1.7.2-2.amzn2023.0.2.x86_64
  apr-util-1.6.3-1.amzn2023.0.1.x86_64
  apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64
  generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch
  httpd-2.4.58-1.amzn2023.x86_64
  httpd-core-2.4.58-1.amzn2023.x86_64
  httpd-filesystem-2.4.58-1.amzn2023.noarch
  httpd-tools-2.4.58-1.amzn2023.x86_64
  libbrotli-1.0.9-4.amzn2023.0.2.x86_64
  mailcap-2.1.49-3.amzn2023.0.3.noarch
  mod_http2-2.0.11-2.amzn2023.x86_64
  mod_lua-2.4.58-1.amzn2023.x86_64

Complete!
[root@ip-172-31-19-79 home]# yum remove httpd
Dependencies resolved.
================================================================================
 Package           Arch       Version              Repository        Size
================================================================================
Removing:
 httpd             x86_64     2.4.58-1.amzn2023    @amazonlinux       60 k
```

```
Removing unused dependencies:
 apr                    x86_64       1.7.2-2.amzn2023.0.2        @amazonlinux    297 k
 apr-util               x86_64       1.6.3-1.amzn2023.0.1        @amazonlinux    217 k
 apr-util-openssl       x86_64       1.6.3-1.amzn2023.0.1        @amazonlinux     24 k
 generic-logos-httpd    noarch       18.0.0-12.amzn2023.0.3      @amazonlinux     21 k
 httpd-core             x86_64       2.4.58-1.amzn2023           @amazonlinux    4.7 M
 httpd-filesystem       noarch       2.4.58-1.amzn2023           @amazonlinux    464
 httpd-tools            x86_64       2.4.58-1.amzn2023           @amazonlinux    201 k
 libbrotli              x86_64       1.0.9-4.amzn2023.0.2        @amazonlinux    771 k
 mailcap                noarch       2.1.49-3.amzn2023.0.3       @amazonlinux     78 k
 mod_http2              x86_64       2.0.11-2.amzn2023           @amazonlinux    395 k
 mod_lua                x86_64       2.4.58-1.amzn2023           @amazonlinux    143 k

Transaction Summary
================================================================================
Remove  12 Packages

Freed space: 6.9 M
Is this ok [y/N]: y
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing        :                                                     1/1
  Running scriptlet: httpd-2.4.58-1.amzn2023.x86_64                      1/12
  Erasing          : httpd-2.4.58-1.amzn2023.x86_64                      1/12
  Running scriptlet: httpd-2.4.58-1.amzn2023.x86_64                      1/12
  Erasing          : mod_lua-2.4.58-1.amzn2023.x86_64                    2/12
  Erasing          : mod_http2-2.0.11-2.amzn2023.x86_64                  3/12
  Erasing          : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch  4/12
  Erasing          : httpd-core-2.4.58-1.amzn2023.x86_64                 5/12
  Erasing          : httpd-tools-2.4.58-1.amzn2023.x86_64                6/12
  Erasing          : mailcap-2.1.49-3.amzn2023.0.3.noarch               7/12
  Erasing          : httpd-filesystem-2.4.58-1.amzn2023.noarch          8/12
  Erasing          : apr-util-1.6.3-1.amzn2023.0.1.x86_64               9/12
  Erasing          : apr-1.7.2-2.amzn2023.0.2.x86_64                    10/12
  Erasing          : apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64       11/12
  Erasing          : libbrotli-1.0.9-4.amzn2023.0.2.x86_64              12/12
  Running scriptlet: libbrotli-1.0.9-4.amzn2023.0.2.x86_64              12/12
  Verifying        : apr-1.7.2-2.amzn2023.0.2.x86_64                     1/12
  Verifying        : apr-util-1.6.3-1.amzn2023.0.1.x86_64               2/12
  Verifying        : apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64       3/12
  Verifying        : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch  4/12
  Verifying        : httpd-2.4.58-1.amzn2023.x86_64                      5/12
  Verifying        : httpd-core-2.4.58-1.amzn2023.x86_64                 6/12
  Verifying        : httpd-filesystem-2.4.58-1.amzn2023.noarch          7/12
  Verifying        : httpd-tools-2.4.58-1.amzn2023.x86_64                8/12
  Verifying        : libbrotli-1.0.9-4.amzn2023.0.2.x86_64              9/12
  Verifying        : mailcap-2.1.49-3.amzn2023.0.3.noarch               10/12
  Verifying        : mod_http2-2.0.11-2.amzn2023.x86_64                 11/12
  Verifying        : mod_lua-2.4.58-1.amzn2023.x86_64                   12/12

Removed:
  apr-1.7.2-2.amzn2023.0.2.x86_64
  apr-util-1.6.3-1.amzn2023.0.1.x86_64
  apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64
  generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch
  httpd-2.4.58-1.amzn2023.x86_64
  httpd-core-2.4.58-1.amzn2023.x86_64
  httpd-filesystem-2.4.58-1.amzn2023.noarch
  httpd-tools-2.4.58-1.amzn2023.x86_64
  libbrotli-1.0.9-4.amzn2023.0.2.x86_64
  mailcap-2.1.49-3.amzn2023.0.3.noarch
  mod_http2-2.0.11-2.amzn2023.x86_64
  mod_lua-2.4.58-1.amzn2023.x86_64

Complete!
[root@ip-172-31-19-79 home]# n
```

Socket error Event: 32 Error: 10053.
Connection closing...Socket close.

Connection closed by foreign host.

Disconnected from remote host(ec2-13-236-207-27.ap-southeast-2.compute.amazonaws.co
m) at 21:27:04.

Type `help' to learn how to use Xshell prompt.
[C:\~]$