

```

Lenovo@LAPTOP-HE760VQT ~
$ pwd
/home/Lenovo

Lenovo@LAPTOP-HE760VQT ~
$ ls -l
total 9
drwxr-xr-x+ 1 Lenovo Lenovo  0 Nov  1 18:53 7hils
-rw-r--r--  1 Lenovo Lenovo 11 Nov  1 18:57 file2.sh
-rw-r--r--  1 Lenovo Lenovo 133 Nov  1 15:08 hello.sh
-rwxr-xr-x  1 Lenovo Lenovo 29 Nov  1 18:26 hello_world.sh
drwxr-xr-x+ 1 Lenovo Lenovo  0 Nov  2 14:55 krish
-rw-r--r--  1 Lenovo Lenovo  0 Nov  1 18:50 krishna.sh
-rw-r--r--  1 Lenovo Lenovo 179 Nov  1 18:53 krishna.txt
-rwxr-xr-x  1 Lenovo Lenovo 144 Nov  1 18:47 mk.txt
drwxr-xr-x+ 1 Lenovo Lenovo  0 Nov  2 14:44 yoga

Lenovo@LAPTOP-HE760VQT ~
$ ls -h
7hils file2.sh hello.sh hello_world.sh krish krishna.sh krishna.txt mk.txt yoga

Lenovo@LAPTOP-HE760VQT ~
$ ls -a
. . . .bash_history .bash_profile .bashrc .file2.sh.swp .inputrc .krish.txt.swp .profile 7hils file2.sh hello.sh hello_world.sh krish krishna.sh krishna.txt mk.txt yoga

Lenovo@LAPTOP-HE760VQT ~
$ ls -R
.:
7hils file2.sh hello.sh hello_world.sh krish krishna.sh krishna.txt mk.txt yoga

./7hils:

./krish:
krish.txt murali.txt raju.txt

./yoga:

Lenovo@LAPTOP-HE760VQT ~
$ ls -lt
total 9
drwxr-xr-x+ 1 Lenovo Lenovo  0 Nov  2 14:55 krish
drwxr-xr-x+ 1 Lenovo Lenovo  0 Nov  2 14:44 yoga
-rw-r--r--  1 Lenovo Lenovo 11 Nov  1 18:57 file2.sh
drwxr-xr-x+ 1 Lenovo Lenovo  0 Nov  1 18:53 7hils
-rw-r--r--  1 Lenovo Lenovo 179 Nov  1 18:53 krishna.txt
-rw-r--r--  1 Lenovo Lenovo  0 Nov  1 18:50 krishna.sh
-rwxr-xr-x  1 Lenovo Lenovo 144 Nov  1 18:47 mk.txt
-rwxr-xr-x  1 Lenovo Lenovo 29 Nov  1 18:26 hello_world.sh
-rw-r--r--  1 Lenovo Lenovo 133 Nov  1 15:08 hello.sh

Lenovo@LAPTOP-HE760VQT ~
$

```



```
~
Lenovo@LAPTOP-HE760VQT ~
$ which -a krishna.txt
which: no krishna.txt in (/usr/local/bin:/usr/bin:/cygdrive/c/Program Files/Python36/Scripts:/cygdrive/c/Program Files/Python36:/cygdrive/c/Windows/system32:/cygdrive/c/Windows:/cygdrive/c/Windows/System32/wbem:/cygdrive/c/Windows/System32/WindowsPowerShell/v1.0:/cygdrive/c/Windows/System32/OpenSSH:/cygdrive/c/Program Files (x86)/NVIDIA Corporation/PhysX/Common:/cygdrive/c/Program Files/NVIDIA Corporation/NVIDIA NvDLISR:/cygdrive/c/WINDOWS/system32:/cygdrive/c/WINDOWS:/cygdrive/c/WINDOWS/System32/wbem:/cygdrive/c/WINDOWS/System32/WindowsPowerShell/v1.0:/cygdrive/c/WINDOWS/System32/OpenSSH:/cygdrive/d/Git/cmd:/cygdrive/d/Git/bin:/cygdrive/c/Users/Lenovo/AppData/Local/Microsoft/WindowsApps:/cygdrive/c/Program Files/JetBrains/PyCharm Community Edition 2019.3.1/bin:/cygdrive/c/Users/Lenovo/AppData/Local/Programs/Microsoft VS Code/bin)

Lenovo@LAPTOP-HE760VQT ~
$ which -a mk.txt
which: no mk.txt in (/usr/local/bin:/usr/bin:/cygdrive/c/Program Files/Python36/Scripts:/cygdrive/c/Program Files/Python36:/cygdrive/c/Windows/system32:/cygdrive/c/Windows:/cygdrive/c/Windows/System32/wbem:/cygdrive/c/Windows/System32/WindowsPowerShell/v1.0:/cygdrive/c/Windows/System32/OpenSSH:/cygdrive/c/Program Files (x86)/NVIDIA Corporation/PhysX/Common:/cygdrive/c/Program Files/NVIDIA Corporation/NVIDIA NvDLISR:/cygdrive/c/WINDOWS/system32:/cygdrive/c/WINDOWS:/cygdrive/c/WINDOWS/System32/wbem:/cygdrive/c/WINDOWS/System32/WindowsPowerShell/v1.0:/cygdrive/c/WINDOWS/System32/OpenSSH:/cygdrive/d/Git/cmd:/cygdrive/d/Git/bin:/cygdrive/c/Users/Lenovo/AppData/Local/Microsoft/WindowsApps:/cygdrive/c/Program Files/JetBrains/PyCharm Community Edition 2019.3.1/bin:/cygdrive/c/Users/Lenovo/AppData/Local/Programs/Microsoft VS Code/bin)

Lenovo@LAPTOP-HE760VQT ~
$ which mk.txt
which: no mk.txt in (/usr/local/bin:/usr/bin:/cygdrive/c/Program Files/Python36/Scripts:/cygdrive/c/Program Files/Python36:/cygdrive/c/Windows/system32:/cygdrive/c/Windows:/cygdrive/c/Windows/System32/wbem:/cygdrive/c/Windows/System32/WindowsPowerShell/v1.0:/cygdrive/c/Windows/System32/OpenSSH:/cygdrive/c/Program Files (x86)/NVIDIA Corporation/PhysX/Common:/cygdrive/c/Program Files/NVIDIA Corporation/NVIDIA NvDLISR:/cygdrive/c/WINDOWS/system32:/cygdrive/c/WINDOWS:/cygdrive/c/WINDOWS/System32/wbem:/cygdrive/c/WINDOWS/System32/WindowsPowerShell/v1.0:/cygdrive/c/WINDOWS/System32/OpenSSH:/cygdrive/d/Git/cmd:/cygdrive/d/Git/bin:/cygdrive/c/Users/Lenovo/AppData/Local/Microsoft/WindowsApps:/cygdrive/c/Program Files/JetBrains/PyCharm Community Edition 2019.3.1/bin:/cygdrive/c/Users/Lenovo/AppData/Local/Programs/Microsoft VS Code/bin)

Lenovo@LAPTOP-HE760VQT ~
$ cd krish

Lenovo@LAPTOP-HE760VQT ~/krish
$ cd

Lenovo@LAPTOP-HE760VQT ~
$ env
USERDOMAIN=LAPTOP-HE760VQT
OS=Windows_NT
COMMONPROGRAMFILES=C:\Program Files\Common Files
PROCESSOR_LEVEL=6
PSModulePath=C:\Program Files\WindowsPowerShell\Modules;C:\WINDOWS\system32\WindowsPowerShell\v1.0\Modules
CommonProgramW6432=C:\Program Files\Common Files
CommonProgramFiles(x86)=C:\Program Files (x86)\Common Files
TZ=Asia/Kolkata
HOSTNAME=LAPTOP-HE760VQT
PUBLIC=C:\Users\Public
OLDPWD=/home/Lenovo/krish
USERNAME=Lenovo
LOGONSERVER=\\LAPTOP-HE760VQT
PROCESSOR_ARCHITECTURE=AMD64
LOCALAPPDATA=C:\Users\Lenovo\AppData\Local
COMPUTERNAME=LAPTOP-HE760VQT
USER=Lenovo
!:::
SYSTEMDRIVE=C:
USERPROFILE=C:\Users\Lenovo
PATHEXT=.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC;.PY;.PYW
SYSTEMROOT=C:\WINDOWS
USERDOMAIN_ROAMINGPROFILE=LAPTOP-HE760VQT
PROCESSOR_IDENTIFIER=Intel64 Family 6 Model 158 Stepping 10, GenuineIntel
OneDriveConsumer=C:\Users\Lenovo\OneDrive
PWD=/home/Lenovo
HOME=/home/Lenovo
TMP=/tmp
```

```
~
WINDIR=C:\WINDOWS
ProgramData=C:\ProgramData
SHLVL=1
MINTTY_SHORTCUT=/cygdrive/c/Users/Public/Desktop/Cygwin64 Terminal.lnk
PRINTER=Microsoft Print to PDF
PROGRAMFILES=C:\Program Files
PyCharm Community Edition=C:\Program Files\JetBrains\PyCharm Community Edition 2019.3.1\bin;
ALLUSERSPROFILE=C:\ProgramData
TEMP=/tmp
DriverData=C:\Windows\System32\Drivers\DriverData
SESSIONNAME=Console
ProgramFiles(x86)=C:\Program Files (x86)
PATH=/usr/local/bin:/usr/bin:/cygdrive/c/Program Files/Python36/Scripts:/cygdrive/c/Program Files/Python36:/cygdrive/c/windows/system32:/cygdrive/c/windows:/cygdrive/c/windows/System32/wbem:/cygdrive/c/windows/System32/WindowsPowerShell/v1.0:/cygdrive/c/windows/System32/OpenSSH:/cygdrive/c/Program Files (x86)/NVIDIA Corporation/PhysX/Common:/cygdrive/c/Program Files/NVIDIA Corporation/NVIDIA NvDLISR:/cygdrive/c/WINDOWS/system32:/cygdrive/c/WINDOWS:/cygdrive/c/WINDOWS/System32/wbem:/cygdrive/c/WINDOWS/System32/WindowsPowerShell/v1.0:/cygdrive/c/WINDOWS/System32/OpenSSH:/cygdrive/d/Git/cmd:/cygdrive/d/Git/bin:/cygdrive/c/Users/Lenovo/AppData/Local/Microsoft/WindowsApps:/cygdrive/c/Program Files/JetBrains/PyCharm Community Edition 2019.3.1/bin:/cygdrive/c/Users/Lenovo/AppData/Local/Programs/Microsoft VS Code/bin
PS1=[\e]0;\w\a]\n[\e[32m]\u@\h \[\e[33m]\w\[\e[0m]\n\$
HOMEDRIVE=C:
INFOPATH=/usr/local/info:/usr/share/info:/usr/info
HOMEPATH=/Users/Lenovo
ORIGINAL_PATH=/cygdrive/c/Program Files/Python36/Scripts:/cygdrive/c/Program Files/Python36:/cygdrive/c/windows/system32:/cygdrive/c/windows:/cygdrive/c/windows/System32/wbem:/cygdrive/c/windows/System32/WindowsPowerShell/v1.0:/cygdrive/c/windows/System32/OpenSSH:/cygdrive/c/Program Files (x86)/NVIDIA Corporation/PhysX/Common:/cygdrive/c/Program Files/NVIDIA Corporation/NVIDIA NvDLISR:/cygdrive/c/WINDOWS/system32:/cygdrive/c/WINDOWS:/cygdrive/c/WINDOWS/System32/wbem:/cygdrive/c/WINDOWS/System32/WindowsPowerShell/v1.0:/cygdrive/c/WINDOWS/System32/OpenSSH:/cygdrive/d/Git/cmd:/cygdrive/d/Git/bin:/cygdrive/c/Users/Lenovo/AppData/Local/Microsoft/WindowsApps:/cygdrive/c/Program Files/JetBrains/PyCharm Community Edition 2019.3.1/bin:/cygdrive/c/Users/Lenovo/AppData/Local/Programs/Microsoft VS Code/bin
EXECIGNORE=*.dll
VBOX_MSI_INSTALL_PATH=C:\Program Files\Oracle\VirtualBox\
_=usr/bin/env

Lenovo@LAPTOP-HE760VQT ~
$ echo "Murali Krishna"
Murali Krishna

Lenovo@LAPTOP-HE760VQT ~
$ ls
7hils file2.sh hello.sh hello_world.sh krish krishna.sh krishna.txt mk.txt yoga

Lenovo@LAPTOP-HE760VQT ~
$ LS
7hils file2.sh hello.sh hello_world.sh krish krishna.sh krishna.txt mk.txt yoga

Lenovo@LAPTOP-HE760VQT ~
$ WHOAMI
Lenovo

Lenovo@LAPTOP-HE760VQT ~
$ id
uid=197609(Lenovo) gid=197609(Lenovo) groups=197609(Lenovo),401408(Medium Mandatory Level),545(Users),4(INTERACTIVE),66049(CONSOLE LOGON),11(Authenticated Users),15(This Organization),68455(MicrosoftAccount+muralikrishnasarvepalli@outlook.com),113(Local account),4095(CurrentSession),66048(LOCAL),262180(Cloud Account Authentication)

Lenovo@LAPTOP-HE760VQT ~
$ ps
  PID   PPID   PGID   WINPID   TTY      UID     STIME  COMMAND
   1369     1    1369    16912   ?        197609  18:01:07 /usr/bin/mintty
   1392    1370    1392     3532  pts/0    197609  18:23:17 /usr/bin/ps
   1370    1369    1370    15088  pts/0    197609  18:01:07 /usr/bin/bash

Lenovo@LAPTOP-HE760VQT ~
$
```


~

UNAME(1)

User Commands

UNAME(1)

NAME

uname - print system information

SYNOPSIS

uname [OPTION]...

DESCRIPTION

Print certain system information. With no OPTION, same as -s.

-a, --all

print all information, in the following order, except omit -p and -i if unknown:

-s, --kernel-name

print the kernel name

-n, --nodename

print the network node hostname

-r, --kernel-release

print the kernel release

-v, --kernel-version

print the kernel version

-m, --machine

print the machine hardware name

-p, --processor

print the processor type (non-portable)

-i, --hardware-platform

print the hardware platform (non-portable)

-o, --operating-system

print the operating system

--help

display this help and exit

--version

output version information and exit

AUTHOR

Written by David MacKenzie.

REPORTING BUGS

GNU coreutils online help: <<http://www.gnu.org/software/coreutils/>>
Report uname translation bugs to <<http://translationproject.org/team/>>

SEE ALSO

arch(1), uname(2)

Full documentation at: <<http://www.gnu.org/software/coreutils/uname>>
or available locally via: info '(coreutils) uname invocation'

Packaged by Cygwin (8.26-2)

Manual page uname(1) line 1/63 79% (press h for help or q to quit)

ENG
US

19:34
02/11/2021

```
Lenovo@LAPTOP-HE760VQT ~  
$ whoami  
Lenovo  
  
Lenovo@LAPTOP-HE760VQT ~  
$ id  
uid=197609(Lenovo) gid=197609(Lenovo) groups=197609(Lenovo),401408(Medium Mandatory Level),545(Users),4(INTERACTIVE),66049(CONSOLE LOGON),11(Authenticated Users),15(This Organization),68455(MicrosoftAccount+mur  
alikirshnasarvepalli@outlook.com),113(Local account),4095(CurrentSession),66048(LOCAL),262180(Cloud Account Authentication)  
  
Lenovo@LAPTOP-HE760VQT ~  
$ ps  
  PID   PPID   PGID   WINPID   TTY      UID    STIME  COMMAND  
   819     1    819    14032    ?        197609 19:29:33 /usr/bin/mintty  
   820    819    820     5648  pty0      197609 19:29:33 /usr/bin/bash  
   829    820    829    14004  pty0      197609 19:30:13 /usr/bin/ps  
  
Lenovo@LAPTOP-HE760VQT ~  
$ uname -r  
3.3.1(0.341/5/3)  
  
Lenovo@LAPTOP-HE760VQT ~  
$ uname  
CYGWIN_NT-10.0  
  
Lenovo@LAPTOP-HE760VQT ~  
$ pwd  
/home/Lenovo  
  
Lenovo@LAPTOP-HE760VQT ~  
$ uname man  
uname: extra operand 'man'  
Try 'uname --help' for more information.  
  
Lenovo@LAPTOP-HE760VQT ~  
$ man uname  
  
Lenovo@LAPTOP-HE760VQT ~  
$ mkdir hero  
  
Lenovo@LAPTOP-HE760VQT ~  
$ cd hero  
  
Lenovo@LAPTOP-HE760VQT ~/hero  
$ cd lenovo  
-bash: cd: lenovo: No such file or directory  
  
Lenovo@LAPTOP-HE760VQT ~/hero  
$ cd  
  
Lenovo@LAPTOP-HE760VQT ~  
$ history  
 1  whoami  
 2  cat  
 3  ls  
 4  ls-l  
 5  cat /etc/shells  
 6  which bash  
 7  cd desktop
```



```
~
182  uname -r
183  uname
184  pwd
185  uname man
186  man uname
187  mkdir hero
188  cd hero
189  cd lenovo
190  cd
191  history
192  printenv shell
193  shell
194  print env shell
195  clear
196  ls
197  ls -a
198  ls -al
199  ls -s
200  history -w
201  history

Lenovo@LAPTOP-HE760VQT ~
$ !197
ls -a
.      .bash_history  .bashrc      .inputrc     .lesshst     7hils        hello.sh      hero          krishna.sh    mk.txt
..     .bash_profile  .file2.sh.swp .krish.txt.swp .profile     file2.sh     hello_world.sh krish         krishna.txt   yoga

Lenovo@LAPTOP-HE760VQT ~
$ !183
uname
CYGWIN_NT-10.0

Lenovo@LAPTOP-HE760VQT ~
$ !179
whoami
Lenovo

Lenovo@LAPTOP-HE760VQT ~
$
```

```
~  
Lenovo@LAPTOP-HE760VQT ~  
$ ls -a  
.. .bash_history .bashrc .inputrc .lessht 7hils hello.sh hero krishna.sh mk.txt  
.. .bash_profile .file2.sh.swp .krish.txt.swp .profile file2.sh hello_world.sh krish krishna.txt yoga  
Lenovo@LAPTOP-HE760VQT ~  
$ ls -R  
.:  
7hils file2.sh hello.sh hello_world.sh hero krish krishna.sh krishna.txt mk.txt yoga  
./7hils:  
./hero:  
./krish:  
krish.txt murali.txt raju.txt  
./yoga:  
Lenovo@LAPTOP-HE760VQT ~  
$ ls -r  
yoga mk.txt krishna.txt krishna.sh krish hero hello_world.sh hello.sh file2.sh 7hils  
Lenovo@LAPTOP-HE760VQT ~  
$ ls -t  
hero krish yoga file2.sh 7hils krishna.txt krishna.sh mk.txt hello_world.sh hello.sh  
Lenovo@LAPTOP-HE760VQT ~  
$ ls -S  
krishna.txt mk.txt hello.sh hello_world.sh file2.sh 7hils hero krish krishna.sh yoga  
Lenovo@LAPTOP-HE760VQT ~  
$ ls -l  
7hils  
file2.sh  
hello.sh  
hello_world.sh  
hero  
krish  
krishna.sh
```



08:28
03/11/2021

```
~  
Lenovo@LAPTOP-HE760VQT ~  
$ more raju.txt  
hii  
HELLO  
OPEN  
CLOSE  
BOURNE  
YOGA  
KISHORE  
RAJU  
PRASANTH  
MINUTE  
HOUR  
MONTH  
DAY  
YEAR  
DECADE  
VIAJY  
KRISH  
PAVAN  
CHANDU  
AYOUB  
SAIKIRAN  
SAI TEJA  
VINODH  
MAHESH  
GANESH  
READ  
WRITE  
EXAM  
SEMISTER  
HERO  
VILLAN  
VENKATESH  
Nagarjuna  
chiranjeevi  
ram charan  
  
Lenovo@LAPTOP-HE760VQT ~  
$ |
```



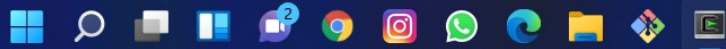
```
~  
Lenovo@LAPTOP-HE760VQT ~  
$ head raju.txt  
hii  
HELLO  
OPEN  
CLOSE  
BOURNE  
YOGA  
KISHORE  
RAJU  
PRASANTH  
MINUTE  
  
Lenovo@LAPTOP-HE760VQT ~  
$ tail raju.txt  
WRITE  
EXAM  
SEMISTER  
HERO  
VILLAN  
VENKATESH  
Nagarjuna  
chiranjeevi  
ram charan  
  
Lenovo@LAPTOP-HE760VQT ~  
$ touch data.txt  
  
Lenovo@LAPTOP-HE760VQT ~  
$ ls -la > data.txt  
  
Lenovo@LAPTOP-HE760VQT ~  
$ cat data.txt  
total 63  
drwxr-xr-x+ 1 Lenovo Lenovo    0 Nov  3 08:39 .  
drwxrwxrwt+ 1 Lenovo Lenovo    0 Nov  1 14:57 ..  
-rw----- 1 Lenovo Lenovo  1981 Nov  3 08:26 .bash_history  
-rwxr-xr-x  1 Lenovo Lenovo  1494 Nov  1 14:57 .bash_profile  
-rwxr-xr-x  1 Lenovo Lenovo  5645 Nov  1 14:57 .bashrc  
-rw-r--r--  1 Lenovo Lenovo 12288 Nov  1 18:59 .file2.sh.swp
```



```
Lenovo@LAPTOP-HE760VQT ~  
$ ls -la > data.txt  
  
Lenovo@LAPTOP-HE760VQT ~  
$ cat data.txt  
total 63  
drwxr-xr-x+ 1 Lenovo Lenovo    0 Nov  3 08:39 .  
drwxrwxrwt+ 1 Lenovo Lenovo    0 Nov  1 14:57 ..  
-rw----- 1 Lenovo Lenovo 1981 Nov  3 08:26 .bash_history  
-rwxr-xr-x  1 Lenovo Lenovo 1494 Nov  1 14:57 .bash_profile  
-rwxr-xr-x  1 Lenovo Lenovo 5645 Nov  1 14:57 .bashrc  
-rw-r--r--  1 Lenovo Lenovo 12288 Nov  1 18:59 .file2.sh.swp  
-rwxr-xr-x  1 Lenovo Lenovo 1919 Nov  1 14:57 .inputrc  
-rw----- 1 Lenovo Lenovo 12288 Nov  1 18:43 .krish.txt.swp  
-rw----- 1 Lenovo Lenovo   20 Nov  2 19:34 .lessht  
-rwxr-xr-x  1 Lenovo Lenovo 1236 Nov  1 14:57 .profile  
drwxr-xr-x+ 1 Lenovo Lenovo    0 Nov  1 18:53 7hils  
-rw-r--r--  1 Lenovo Lenovo    0 Nov  3 08:39 data.txt  
-rw-r--r--  1 Lenovo Lenovo   11 Nov  1 18:57 file2.sh  
-rw-r--r--  1 Lenovo Lenovo  133 Nov  1 15:08 hello.sh  
-rwxr-xr-x  1 Lenovo Lenovo   29 Nov  1 18:26 hello_world.sh  
drwxr-xr-x+ 1 Lenovo Lenovo    0 Nov  2 19:34 hero  
drwxr-xr-x+ 1 Lenovo Lenovo    0 Nov  2 14:55 krish  
-rw-r--r--  1 Lenovo Lenovo    0 Nov  1 18:50 krishna.sh  
-rw-r--r--  1 Lenovo Lenovo  179 Nov  1 18:53 krishna.txt  
-rwxr-xr-x  1 Lenovo Lenovo  144 Nov  1 18:47 mk.txt  
-rw-r--r--  1 Lenovo Lenovo  240 Nov  3 08:34 raju.txt  
drwxr-xr-x+ 1 Lenovo Lenovo    0 Nov  2 14:44 yoga
```

```
Lenovo@LAPTOP-HE760VQT ~  
$ ls -al >> data.txt
```

```
Lenovo@LAPTOP-HE760VQT ~  
$ cat data.txt  
total 63  
drwxr-xr-x+ 1 Lenovo Lenovo    0 Nov  3 08:39 .  
drwxrwxrwt+ 1 Lenovo Lenovo    0 Nov  1 14:57 ..  
-rw----- 1 Lenovo Lenovo 1981 Nov  3 08:26 .bash_history  
-rwxr-xr-x  1 Lenovo Lenovo 1494 Nov  1 14:57 .bash_profile  
-rwxr-xr-x  1 Lenovo Lenovo 5645 Nov  1 14:57 .bashrc  
-rw-r--r--  1 Lenovo Lenovo 12288 Nov  1 18:59 .file2.sh.swp
```



```
~
GREP(1)                                User Commands                                GREP(1)

NAME
    grep, egrep, fgrep - print lines that match patterns

SYNOPSIS
    grep [OPTION...] PATTERNS [FILE...]
    grep [OPTION...] -e PATTERNS ... [FILE...]
    grep [OPTION...] -f PATTERN_FILE ... [FILE...]

DESCRIPTION
    grep searches for PATTERNS in each FILE. PATTERNS is one or more patterns separated by newline characters, and grep prints each line that matches a pattern. Typically PATTERNS should be quoted when grep is used in a shell command.

    A FILE of "-" stands for standard input. If no FILE is given, recursive searches examine the working directory, and nonrecursive searches read standard input.

    In addition, the variant programs egrep and fgrep are the same as grep -E and grep -F, respectively. These variants are deprecated, but are provided for backward compatibility.

OPTIONS
    Generic Program Information
        --help Output a usage message and exit.

        -V, --version
            Output the version number of grep and exit.

    Pattern Syntax
        -E, --extended-regexp
            Interpret PATTERNS as extended regular expressions (EREs, see below).

        -F, --fixed-strings
            Interpret PATTERNS as fixed strings, not regular expressions.

        -G, --basic-regexp
            Interpret PATTERNS as basic regular expressions (BREs, see below). This is the default.

        -P, --perl-regexp

Manual page grep(1) line 1 (press h for help or q to quit)
```

```
~/yoga
$ cd 7hills
-bash: cd: 7hills: No such file or directory

Lenovo@LAPTOP-HE760VQT ~
$ pwd
/home/Lenovo

Lenovo@LAPTOP-HE760VQT ~
$ mkdir yoga
mkdir: cannot create directory 'yoga': File exists

Lenovo@LAPTOP-HE760VQT ~
$ cd yoga

Lenovo@LAPTOP-HE760VQT ~/yoga
$ ls

Lenovo@LAPTOP-HE760VQT ~/yoga
$ touch info.txt info1.txt info2.txt

Lenovo@LAPTOP-HE760VQT ~/yoga
$ ls
info.txt  info1.txt  info2.txt

Lenovo@LAPTOP-HE760VQT ~/yoga
$ nano info.txt
-bash: nano: command not found

Lenovo@LAPTOP-HE760VQT ~/yoga
$ vi info.txt

Lenovo@LAPTOP-HE760VQT ~/yoga
$ cat info.txt
getting information
navigating and working with files and directives
printing files
performing network operations
monitoring performance and status

Lenovo@LAPTOP-HE760VQT ~/yoga
$ |
```



```
~/krish/yoga
Lenovo@LAPTOP-HE760VQT ~/yoga
$ cat info.txt
getting information
navigating and working with files and directives
printing files
performing network operations
monitoring performance and status
```

```
Lenovo@LAPTOP-HE760VQT ~/yoga
$ mv info.txt linux.txt
```

```
Lenovo@LAPTOP-HE760VQT ~/yoga
$ ls
info1.txt  info2.txt  linux.txt
```

```
Lenovo@LAPTOP-HE760VQT ~/yoga
$ cd ..
```

```
Lenovo@LAPTOP-HE760VQT ~
$ mv yoga krish
```

```
Lenovo@LAPTOP-HE760VQT ~
$ cd krish
```

```
Lenovo@LAPTOP-HE760VQT ~/krish
$ ls -h
krish.txt  murali.txt  raju.txt  yoga
```

```
Lenovo@LAPTOP-HE760VQT ~/krish
$ cd yoga
```

```
Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ ls -h
info1.txt  info2.txt  linux.txt
```

```
Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ zip linux.zip linux.txt
-bash: zip: command not found
```

```
Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$
```




```
~/krish/yoga

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ zip linux.zip linux.txt
-bash: zip: command not found

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ hostname
LAPTOP-HE760VQT

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ ifconfig
-bash: ifconfig: command not found

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ ip
-bash: ip: command not found

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ date > date.txt

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ cat date.txt
Mon Nov  8 13:48:33 IST 2021

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ cal >> date.txt

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ cat date.txt
Mon Nov  8 13:48:33 IST 2021
    November 2021
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

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$
```

```
~/krish/yoga
-bash: zip: command not found

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ hostname
LAPTOP-HE760VQT

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ ifconfig
-bash: ifconfig: command not found

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ ip
-bash: ip: command not found

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ date > date.txt

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ cat date.txt
Mon Nov  8 13:48:33 IST 2021

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ cal >> date.txt

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ cat date.txt
Mon Nov  8 13:48:33 IST 2021
    November 2021
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

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$ grep "^ getting" linux.txt

Lenovo@LAPTOP-HE760VQT ~/krish/yoga
$
```



ENG
US



13:50
08/11/2021

