

```
shadman@shadman: ~  
shadman@shadman:~$ Hostname  
Command 'Hostname' not found, did you mean:  
  
  command 'hostname' from deb hostname (3.23)  
Try: sudo apt install <deb name>  
shadman@shadman:~$ who  
shadman  :0          2021-05-01 16:15 (:0)  
shadman@shadman:~$ date  
শনিবার ০১ মে ২০২১ ০৪:১৭:৩৫ অস্ট্রিয়া +০৬  
shadman@shadman:~$ Env  
Command 'Env' not found, did you mean:  
  
  command 'lnv' from deb python3-linvoke (1.3.0+ds-0.1)  
  command 'env' from deb coreutils (8.30-3ubuntu2)  
Try: sudo apt install <deb name>  
shadman@shadman:~$ uptime  
16:18:24 up 4 min, 1 user, load average: 0.55, 1.02, 0.51  
shadman@shadman:~$ uname -a  
Linux shadman 5.8.0-48-generic #54~20.04.1-Ubuntu SMP Sat Mar 20 13:40:25 UTC 2021 x86_64 x86_64 GNU/Linux  
shadman@shadman:~$ pwd  
/home/shadman  
shadman@shadman:~$ ls  
1707065 a.out Desktop Documents Downloads FiBo FiBo.c Fibonaccl firstfile Music newfile Pictures Public task1.c task2 task2.cpp Templates testdir Videos  
shadman@shadman:~$ cd  
shadman@shadman:~$ mkdir  
mkdir: missing operand  
Try 'mkdir --help' for more information.  
shadman@shadman:~$ mkdir new_folder  
shadman@shadman:~$ ls  
1707065 a.out Desktop Documents Downloads FiBo FiBo.c Fibonaccl firstfile Music newfile new_folder Pictures Public task1.c task2 task2.cpp Templates testdir Videos  
shadman@shadman:~$ rmdir new_folder  
shadman@shadman:~$ ls  
1707065 a.out Desktop Documents Downloads FiBo FiBo.c Fibonaccl firstfile Music newfile Pictures Public task1.c task2 task2.cpp Templates testdir Videos  
shadman@shadman:~$
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shadman@shadman: ~  
shadman@shadman:~$ pwd  
/home/shadman  
shadman@shadman:~$ ls  
1707065 Documents Fibo.c Music Public task2.cpp  
a.out Downloads Fibonacci newfile task1.c Templates  
Desktop Fibo firstfile Pictures task2 Videos  
shadman@shadman:~$ mkdir testdir  
shadman@shadman:~$ ls  
1707065 Documents Fibo.c Music Public task2.cpp Videos  
a.out Downloads Fibonacci newfile task1.c Templates  
Desktop Fibo firstfile Pictures task2 testdir  
shadman@shadman:~$ pwd  
/home/shadman  
shadman@shadman:~$ cd /  
shadman@shadman:/$ pwd  
/  
shadman@shadman:/$ ls  
bin cdrom etc lib lib64 lost+found mnt proc run snap swapfile tmp var  
boot dev home lib32 libx32 media opt root sbin srv sys usr  
shadman@shadman:/$ ls -p  
bin cdrom/ etc/ lib lib64 lost+found/ mnt/ proc/ run/ snap/ swapfile tmp/ var/  
boot/ dev/ home/ lib32 libx32 media/ opt/ root/ sbin srv/ sys/ usr/  
shadman@shadman:/$ cd testdir  
bash: cd: testdir: No such file or directory  
shadman@shadman:/$ cd  
shadman@shadman:~$ pwd  
/home/shadman  
shadman@shadman:~$ ls  
1707065 Desktop Downloads Fibo.c firstfile newfile Public task2 Templates Videos  
a.out Documents Fibo Fibonacci Music Pictures task1.c task2.cpp testdir  
shadman@shadman:~$ cd testdir  
shadman@shadman:~/testdir$ mkdir testdir/play  
mkdir: cannot create directory 'testdir/play': No such file or directory  
shadman@shadman:~/testdir$ cd ..  
shadman@shadman:~$ pwd  
/home/shadman  
shadman@shadman:~$ ls  
1707065 Desktop Downloads Fibo.c firstfile newfile Public task2 Templates Videos  
a.out Documents Fibo Fibonacci Music Pictures task1.c task2.cpp testdir  
shadman@shadman:~$ mkdir testdir/play  
shadman@shadman:~$ ls  
1707065 Desktop Downloads Fibo.c firstfile newfile Public task2 Templates Videos  
a.out Documents Fibo Fibonacci Music Pictures task1.c task2.cpp testdir  
shadman@shadman:~$
```

```
shadman@shadman: ~/testdir
1707065 Documents Fibo.c Music Public task2.cpp Videos
a.out Downloads Fibonacci newfile task1.c Templates
Desktop Fibo firstfile Pictures task2 testdir
shadman@shadman:~$ pwd
/home/shadman
shadman@shadman:~$ cd /
shadman@shadman:/$ pwd
/
shadman@shadman:/$ ls
bin cdrom etc lib lib64 lost+found mnt proc run snap swapfile tmp var
boot dev home lib32 libx32 media opt root sbin srv sys usr
shadman@shadman:/$ ls -p
bin cdrom/ etc/ lib lib64 lost+found/ mnt/ proc/ run/ snap/ swapfile tmp/ var/
boot/ dev/ home/ lib32 libx32 media/ opt/ root/ sbin srv/ sys/ usr/
shadman@shadman:/$ cd testdir
bash: cd: testdir: No such file or directory
shadman@shadman:/$ cd
shadman@shadman:~$ pwd
/home/shadman
shadman@shadman:~$ ls
1707065 Desktop Downloads Fibo.c firstfile newfile Public task2 Templates Videos
a.out Documents Fibo Fibonacci Music Pictures task1.c task2.cpp testdir
shadman@shadman:~$ cd testdir
shadman@shadman:~/testdir$ mkdir testdir/play
mkdir: cannot create directory 'testdir/play': No such file or directory
shadman@shadman:~/testdir$ cd ..
shadman@shadman:~$ pwd
/home/shadman
shadman@shadman:~$ ls
1707065 Desktop Downloads Fibo.c firstfile newfile Public task2 Templates Videos
a.out Documents Fibo Fibonacci Music Pictures task1.c task2.cpp testdir
shadman@shadman:~$ mkdir testdir/play
shadman@shadman:~$ ls
1707065 Desktop Downloads Fibo.c firstfile newfile Public task2 Templates Videos
a.out Documents Fibo Fibonacci Music Pictures task1.c task2.cpp testdir
shadman@shadman:~$ cd testdir/play
shadman@shadman:~/testdir/play$ ls
shadman@shadman:~/testdir/play$ pwd
/home/shadman/testdir/play
shadman@shadman:~/testdir/play$ cd ..
shadman@shadman:~/testdir$ pwd
/home/shadman/testdir
shadman@shadman:~/testdir$ ls
play
shadman@shadman:~/testdir$ mv play play2
shadman@shadman:~/testdir$ ls
play2
shadman@shadman:~/testdir$
```

```
shadman@shadman: ~  
shadman@shadman:~$ cd  
shadman@shadman:~$ pwd  
/home/shadman  
shadman@shadman:~$ ls  
1707065 Desktop Downloads Fibo.c firstfile newfile Public task2 Templates Videos  
a.out Documents Fibo Fibonacci Music Pictures task1.c task2.cpp testdir  
shadman@shadman:~$ rmdir testdir  
rmdir: failed to remove 'testdir': Directory not empty  
shadman@shadman:~$ cd  
shadman@shadman:~$ ls cwork  
ls: cannot access 'cwork': No such file or directory  
shadman@shadman:~$ touch newfile1  
shadman@shadman:~$ ls  
1707065 Desktop Downloads Fibo.c firstfile newfile Pictures task1.c task2.cpp testdir  
a.out Documents Fibo Fibonacci Music newfile1 Public task2 Templates Videos  
shadman@shadman:~$ wc newfile  
1 9 49 newfile  
shadman@shadman:~$ ls testdir  
play2  
shadman@shadman:~$ ls -p testdir  
play2/  
shadman@shadman:~$ ls -l testdir  
total 4  
drwxrwxr-x 2 shadman shadman 4096 1 17:09 play2  
shadman@shadman:~$ ls -t testdir  
play2  
shadman@shadman:~$ ls -u testdir  
play2  
shadman@shadman:~$ ls -x testdir  
play2  
shadman@shadman:~$ ls -R testdir  
testdir:  
play2  
testdir/play2:  
shadman@shadman:~$
```

```
shadman@shadman: ~/testdir/play2
shadman@shadman:~/testdir/play2$ man ls>lsmanpage
shadman@shadman:~/testdir/play2$ ls
lsmanpage
shadman@shadman:~/testdir/play2$ file lsmanpage
lsmanpage: UTF-8 Unicode text
shadman@shadman:~/testdir/play2$ cat lsmanpage
LS(1)                                User Commands                                LS(1)

NAME
    ls - list directory contents

SYNOPSIS
    ls [OPTION]... [FILE]...

DESCRIPTION
    List information about the FILES (the current directory by default).
    Sort entries alphabetically if none of -cftuvSUX nor --sort is speci-
    fied.

    Mandatory arguments to long options are mandatory for short options
    too.

    -a, --all
        do not ignore entries starting with .

    -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
```

```
shadman@shadman: ~/testdir/play2
shadman@shadman:~/testdir/play2$ more lsmanpage
COPYRIGHT
    Copyright © 2018 Free Software Foundation, Inc.  License GPLv3+: GNU
    GPL version 3 or later <https://gnu.org/licenses/gpl.html>.
    This is free software: you are free to change and redistribute it.
    There is NO WARRANTY, to the extent permitted by law.

SEE ALSO
    Full documentation at: <https://www.gnu.org/software/coreutils/ls>
    or available locally via: info '(coreutils) ls invocation'

GNU coreutils 8.30                    September 2019                    LS(1)
shadman@shadman:~/testdir/play2$ more lsmanpage
LS(1)                                User Commands                                LS(1)

NAME
    ls - list directory contents

SYNOPSIS
    ls [OPTION]... [FILE]...

DESCRIPTION
    List information about the FILES (the current directory by default).
    Sort entries alphabetically if none of -cftuvSUX nor --sort is speci-
    fied.

    Mandatory arguments to long options are mandatory for short options
    too.

    -a, --all
        do not ignore entries starting with .

    -A, --almost-all
        do not list implied . and ..

    --author
        with -l, print the author of each file

    -b, --escape
```

```
shadman@shadman: ~/testdir/play2
shadman@shadman:~/testdir/play2$ cp lsmanpage lsmanpage2
shadman@shadman:~/testdir/play2$ mv lsmanpage2
mv: missing destination file operand after 'lsmanpage2'
Try 'mv --help' for more information.
shadman@shadman:~/testdir/play2$ mv lsmanpage2 lsmanpage3
shadman@shadman:~/testdir/play2$ ls
lsmanpage  lsmanpage3
shadman@shadman:~/testdir/play2$ head lsmanpage
LS(1)                                User Commands                                LS(1)

NAME
    ls - list directory contents

SYNOPSIS
    ls [OPTION]... [FILE]...

DESCRIPTION
    List information about the FILES (the current directory by default).
shadman@shadman:~/testdir/play2$ tail lsmanpage
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GPL version 3 or later <https://gnu.org/licenses/gpl.html>.
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.

SEE ALSO
    Full documentation at: <https://www.gnu.org/software/coreutils/ls>
    or available locally via: info '(coreutils) ls invocation'

GNU coreutils 8.30                September 2019                LS(1)
shadman@shadman:~/testdir/play2$ wc lsmanpage
 241  946 8147 lsmanpage
shadman@shadman:~/testdir/play2$ du lsmanpage
8      lsmanpage
shadman@shadman:~/testdir/play2$ rm lsmanpage3
shadman@shadman:~/testdir/play2$ ls
lsmanpage
shadman@shadman:~/testdir/play2$
```

```
shadman@shadman: ~/testdir/play2
shadman@shadman:~/testdir/play2$ cat > mydetails
name:shadman sakib
roll:1707065
age:22^Z
[1]+  Stopped                  cat > mydetails
shadman@shadman:~/testdir/play2$ cat mydetails
name:shadman sakib
roll:1707065
shadman@shadman:~/testdir/play2$ cat -n mydetails
 1 name:shadman sakib
 2 roll:1707065
shadman@shadman:~/testdir/play2$ cat -n lsmanpage
 1 LS(1)                                User Commands                                LS(1)
 2
 3 NAME
 4     ls - list directory contents
 5
 6 SYNOPSIS
 7     ls [OPTION]... [FILE]...
 8
 9 DESCRIPTION
10     List information about the FILES (the current directory by default).
11     Sort entries alphabetically if none of -cftuvSUX nor --sort is speci-
12     fied.
13
14     Mandatory arguments to long options are mandatory for short options
15     too.
16
17     -a, --all
18         do not ignore entries starting with .
19
20     -A, --almost-all
21         do not list implied . and ..
22
23     --author
24         with -l, print the author of each file
25
26     -b, --escape
27         print C-style escapes for nongraphic characters
28
```

```
shadman@shadman: ~/testdir/play2
shadman@shadman:~/testdir/play2$ cat > mycar
model:123
color:red
^Z
[2]+  Stopped                  cat > mycar
shadman@shadman:~/testdir/play2$ cat mycar
model:123
color:red
shadman@shadman:~/testdir/play2$ cat mycar>>mycar2
shadman@shadman:~/testdir/play2$ cat mycar>>mycar2
shadman@shadman:~/testdir/play2$ ls
lsmanpage  mycar  mycar2  mydetails
shadman@shadman:~/testdir/play2$ touch quickone
shadman@shadman:~/testdir/play2$ ls
lsmanpage  mycar  mycar2  mydetails  quickone
shadman@shadman:~/testdir/play2$
```