harika@f087ab4eb780500:~$ mkdir "Linux Training"

harika@f087ab4eb780500:~$ ls

'Linux Practice' 'Linux Training' 'linux practice'

harika@f087ab4eb780500:~$ D:\atlas training\linux practice

D:atlas: command not found

harika@f087ab4eb780500:~$ cd D:\atlas training\linux practice

-bash: cd: too many arguments

harika@f087ab4eb780500:~$ cd /d/atlastraining/linuxproject

-bash: cd: /d/atlastraining/linuxproject: No such file or directory

harika@f087ab4eb780500:~$ cd/d

-bash: cd/d: No such file or directory

harika@f087ab4eb780500:~$ ls

'Linux Practice' 'Linux Training' 'linux practice'

harika@f087ab4eb780500:~$ cd "Linux Training"

harika@f087ab4eb780500:~/Linux Training$ echo "This is the content of TestFile1.txt" > TestFile1.txt

harika@f087ab4eb780500:~/Linux Training$ ls

TestFile1.txt

harika@f087ab4eb780500:~/Linux Training$ mkdir dummy

harika@f087ab4eb780500:~/Linux Training$ rm dummy

rm: cannot remove 'dummy': Is a directory

harika@f087ab4eb780500:~/Linux Training$ rmdir dummy

harika@f087ab4eb780500:~/Linux Training$ ls

TestFile1.txt

harika@f087ab4eb780500:~/Linux Training$ pwd

/home/harika/Linux Training

harika@f087ab4eb780500:~/Linux Training$ ls

TestFile1.txt

harika@f087ab4eb780500:~/Linux Training$

Windows PowerShell

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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Administrator> wsl --version

WSL version: 2.5.7.0

Kernel version: 6.6.87.1-1

WSLg version: 1.0.66

MSRDC version: 1.2.6074

Direct3D version: 1.611.1-81528511

DXCore version: 10.0.26100.1-240331-1435.ge-release

Windows version: 10.0.19045.5737

PS C:\Users\Administrator> cd /

PS C:\> cd "D:\atlas training\linux practice"

PS D:\atlas training\linux practice> ls

PS D:\atlas training\linux practice> mkdir "linux practice"

Directory: D:\atlas training\linux practice

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 30-05-2025 11:09 linux practice

PS D:\atlas training\linux practice> cd linux practice

PS D:\atlas training\linux practice> cd "linux practice"

PS D:\atlas training\linux practice\linux practice> cd..

PS D:\atlas training\linux practice> echo "This is the content of TestFile1.txt" > TestFile1.txt

PS D:\atlas training\linux practice> ls

Directory: D:\atlas training\linux practice

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 30-05-2025 11:09 linux practice

-a---- 30-05-2025 11:12 78 TestFile1.txt

PS D:\atlas training\linux practice> mkdir Dummy

Directory: D:\atlas training\linux practice

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 30-05-2025 11:13 Dummy

PS D:\atlas training\linux practice> ls

Directory: D:\atlas training\linux practice

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 30-05-2025 11:13 Dummy

PS D:\atlas training\linux practice> ls

Directory: D:\atlas training\linux practice

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 30-05-2025 11:13 Dummy

d----- 30-05-2025 11:09 linux practice

-a---- 30-05-2025 11:12 78 TestFile1.txt

PS D:\atlas training\linux practice> rmdir Dummy

PS D:\atlas training\linux practice> ls

Directory: D:\atlas training\linux practice

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 30-05-2025 11:09 linux practice

-a---- 30-05-2025 11:12 78 TestFile1.txt

PS D:\atlas training\linux practice> echo "second file" > file2.txt

PS D:\atlas training\linux practice> ls

Directory: D:\atlas training\linux practice

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 30-05-2025 11:09 linux practice

-a---- 30-05-2025 11:19 28 file2.txt

-a---- 30-05-2025 11:12 78 TestFile1.txt

PS D:\atlas training\linux practice> echo "third file" > file3.txt

PS D:\atlas training\linux practice> echo "fourth file" > file4.txt

PS D:\atlas training\linux practice> echo "fifth file" > file5.txt

PS D:\atlas training\linux practice> echo "sixth file" > file6.txt

PS D:\atlas training\linux practice> ls

Directory: D:\atlas training\linux practice

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 30-05-2025 11:09 linux practice

-a---- 30-05-2025 11:19 28 file2.txt

-a---- 30-05-2025 11:20 26 file3.txt

-a---- 30-05-2025 11:21 28 file4.txt

-a---- 30-05-2025 11:21 26 file5.txt

-a---- 30-05-2025 11:21 26 file6.txt

-a---- 30-05-2025 11:12 78 TestFile1.txt

PS D:\atlas training\linux practice\dir2> cd..

PS D:\atlas training\linux practice> cd dir3

PS D:\atlas training\linux practice\dir3> ls

Directory: D:\atlas training\linux practice\dir3

Mode LastWriteTime Length Name

---- ------------- ------ ----

-a---- 30-05-2025 11:25 28 File2.txt

$ cd "D:\atlas training\linux practice"

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ ls

TestFile1.txt dir1/ dir2/ dir3/ file2.txt file3.txt file4.txt file5.txt file6.txt 'linux practice'/ lorem.

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ head -n 2 lorem.txt

▒▒Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque viverra viverra euismod. Donec pellentesque porta nisi id esagittis sem. Proin tincidunt consectetur nibh. Etiam efficitur blandit massa ac egestas. Nunc turpis nunc, pharetra id graviducibus lobortis. Proin id orci consectetur, tempus nulla convallis, bibendum dolor. Duis lorem neque, porttitor a ultrices finmper. Quisque lorem ipsum, placerat a erat at, efficitur mollis dolor. Sed convallis turpis et tellus placerat, sit amet gravi

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ head -n 2 lorem.txt

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Quisque viverra viverra euismod. Donec pellentesque porta nisi id efficitur.

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ tail -n 5 lorem.txt

Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

Nulla facilisi. Fusce sollicitudin risus id nunc ultricies lobortis.

Aliquam erat volutpat. Quisque sed lectus quis justo eleifend volutpat.

Aenean placerat tincidunt ultricies. Phasellus vel elit vehicula, congue magna nec, accumsan sapien.:

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Quisque viverra viverra euismod. Donec pellentesque porta nisi id efficitur.

Quisque nec enim aliquet, blandit nunc nec, sagittis sem.

Proin tincidunt consectetur nibh.

Etiam efficitur blandit massa ac egestas. Nunc turpis nunc, pharetra id gravida nec, iaculis non velit.

Nulla dignissim leo vitae faucibus lobortis. Proin id orci consectetur, tempus nulla convallis, bibendum dolor.

Duis lorem neque, porttitor a ultrices finibus, iaculis id purus.

Morbi ultrices pellentesque semper. Quisque lorem ipsum, placerat a erat at, efficitur mollis dolor.

Sed convallis turpis et tellus placerat, sit amet gravida quam vehicula.

Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

Nulla facilisi. Fusce sollicitudin risus id nunc ultricies lobortis.

Aliquam erat volutpat. Quisque sed lectus quis justo eleifend volutpat.

Aenean placerat tincidunt ultricies. Phasellus vel elit vehicula, congue magna nec, accumsan sapien.:

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Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

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tail -n 2 lorem.txt

Nulla dignissim leo vitae faucibus lobortis. Proin id orci consectetur, tempus nulla convallis, bibendum dolor. Duis lorem neque, porttitor a ultrices finibus, iaculis id purus. Morbi ultrices pellentesque semper. Quisque

$ less lorem.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ tail -n 2 lorem.txt

Nulla dignissim leo vitae faucibus lobortis. Proin id orci consectetur, tempus nulla convallis, bibendum dolor. Duis lorem neque, porttitor a ultrices finibus, iaculis id purus. Morbi ultrices pellentesque semper. Quisque

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ more lorem.txt

bash: more: command not found

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ echo "Line1\nLine2"

Line1\nLine2

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ echo -e "Line1\nLine2"

Line1

Line2

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ ls

TestFile1.txt dir1/ dir2/ dir3/ file2.txt file3.txt file4.txt file5.txt file6.txt 'linux practice'/ lorem.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ ls -l

total 14

-rw-r--r-- 1 Administrator 197121 78 May 30 11:12 TestFile1.txt

drwxr-xr-x 1 Administrator 197121 0 May 30 11:25 dir1/

drwxr-xr-x 1 Administrator 197121 0 May 30 11:46 dir2/

drwxr-xr-x 1 Administrator 197121 0 May 30 11:46 dir3/

-rw-r--r-- 1 Administrator 197121 28 May 30 11:19 file2.txt

-rw-r--r-- 1 Administrator 197121 26 May 30 11:20 file3.txt

-rw-r--r-- 1 Administrator 197121 28 May 30 11:21 file4.txt

-rw-r--r-- 1 Administrator 197121 26 May 30 11:21 file5.txt

-rw-r--r-- 1 Administrator 197121 26 May 30 11:21 file6.txt

drwxr-xr-x 1 Administrator 197121 0 May 30 11:09 'linux practice'/

-rw-r--r-- 1 Administrator 197121 4746 May 30 12:35 lorem.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ touch c1.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ ls

TestFile1.txt c1.txt dir1/ dir2/ dir3/ file2.txt file3.txt file4.txt file5.txt file6.txt 'linux practice'/ lorem.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ cat > c2.txt

hi

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ echo "hi" > c3.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ car c3.txt

bash: car: command not found

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ cat c3.txt

hi

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ echo "hello" >> c3.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ cat c3.txt

hi

hello

harika@f087ab4eb780500:/$ cal

May 2025

Su Mo Tu We Th Fr Sa

1 2 3

4 5 6 7 8 9 10

11 12 13 14 15 16 17

18 19 20 21 22 23 24

25 26 27 28 29 30 31

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice/dir1

$ cd ..

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$

Proin tincidunt consectetur nibh.

Etiam efficitur blandit massa ac egestas. Nunc turpis nunc, pharetra id gravida nec, iaculis non velit.

Nulla dignissim leo vitae faucibus lobortis. Proin id orci consectetur, tempus nulla convallis, bibendum dolor.

Duis lorem neque, porttitor a ultrices finibus, iaculis id purus.

Morbi ultrices pellentesque semper. Quisque lorem ipsum, placerat a erat at, efficitur mollis dolor.

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Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

Nulla facilisi. Fusce sollicitudin risus id nunc ultricies lobortis.

Aliquam erat volutpat. Quisque sed lectus quis justo eleifend volutpat.

Aenean placerat tincidunt ultricies. Phasellus vel elit vehicula, congue magna nec, accumsan sapien.:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

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Praesent dapibus, neque id cursus faucibus, tortor neque egestas augue, eu vulputate magna eros eu erat. Aliquam erat volutpat. Nam dui mi, tincidunt quis, accumsan porttitor, facilisis luctus, metus.

Phasellus ultrices nulla quis nibh. Quisque a lectus. Donec consectetuer ligula vulputate sem tristique cursus. Nam nulla quam, gravida non, commodo a, sodales sit amet, nisi.

Pellentesque fermentum dolor. Aliquam quam lectus, facilisis auctor, ultrices ut, elementum vulputate, nunc.

Sed adipiscing ornare risus. Morbi est est, blandit sit amet, sagittis vel, euismod vel, velit. Pellentesque egestas sem. Suspendisse commodo ullamcorper magna.

Ut enim ad minima veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur?

Quis autem vel eum iure reprehenderit qui in ea voluptate velit esse quam nihil molestiae consequatur, vel illum qui dolorem eum fugiat quo voluptas nulla pariatur?

At vero eos et accusamus et iusto odio dignissimos ducimus qui blanditiis praesentium voluptatum deleniti atque corrupti quos dolores et quas molestias excepturi sint occaecati cupiditate non provident, similique sunt in culpa qui officia deserunt mollitia animi, id est laborum et dolorum fuga.

Et harum quidem rerum facilis est et expedita distinctio. Nam libero tempore, cum soluta nobis est eligendi optio cumque nihil impedit quo minus id quod maxime placeat facere possimus, omnis voluptas assumenda est, omnis dolor repellendus.

-- More –

harika@f087ab4eb780500:~$ who

harika pts/1 2025-05-30 09:06

harika@f087ab4eb780500:~$ w

09:11:06 up 4 min, 1 user, load average: 0.01, 0.07, 0.04

USER TTY FROM LOGIN@ IDLE JCPU PCPU WHAT

harika pts/1 - 09:06 4:28 0.06s 0.03s -bash

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ vim har.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ wc har.txt

1 6 23 har.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ vim har.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ wc har.txt

1 6 23 har.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ vim har.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ cat -b myfilename.txt

cat: myfilename.txt: No such file or directory

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ cat -b har.txt

1 hi this is my nth file

$ echo "hi" > e1.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ echo "hello" > e2.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ ls

TestFile1.txt c2.txt dir1/ dir3/ e2.txt file3.txt file5.txt har.text hello 'linux practice'/

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ cat e1.txt

hi

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ cat e2.txt

hi

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ mv e2.txt MYFILENEW.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ ls

MYFILENEW.txt c1.txt c3.txt dir2/ e1.txt file3.txt file5.txt har.text hello 'linux practice'/

TestFile1.txt c2.txt dir1/ dir3/ file2.txt file4.txt file6.txt har.txt hi lorem.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ rm c1.txt c2.txt c3.txt

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ ls

MYFILENEW.txt dir1/ dir3/ file2.txt file4.txt file6.txt har.txt hi lorem.txt

TestFile1.txt dir2/ e1.txt file3.txt file5.txt har.text hello 'linux practice'/

Administrator@f087ab4eb780500 MINGW64 /d/atlas training/linux practice

$ cd /

Administrator@f087ab4eb780500 MINGW64 /

harika@f087ab4eb780500:~$ cat /etc/passwd

root:x:0:0:root:/root:/bin/bash

daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin

bin:x:2:2:bin:/bin:/usr/sbin/nologin

sys:x:3:3:sys:/dev:/usr/sbin/nologin

sync:x:4:65534:sync:/bin:/bin/sync

games:x:5:60:games:/usr/games:/usr/sbin/nologin

man:x:6:12:man:/var/cache/man:/usr/sbin/nologin

lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin

mail:x:8:8:mail:/var/mail:/usr/sbin/nologin

news:x:9:9:news:/var/spool/news:/usr/sbin/nologin

uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin

proxy:x:13:13:proxy:/bin:/usr/sbin/nologin

www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin

backup:x:34:34:backup:/var/backups:/usr/sbin/nologin

list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin

irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin

\_apt:x:42:65534::/nonexistent:/usr/sbin/nologin

nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin

systemd-network:x:998:998:systemd Network Management:/:/usr/sbin/nologin

systemd-timesync:x:996:996:systemd Time Synchronization:/:/usr/sbin/nologin

dhcpcd:x:100:65534:DHCP Client Daemon,,,:/usr/lib/dhcpcd:/bin/false

messagebus:x:101:101::/nonexistent:/usr/sbin/nologin

syslog:x:102:102::/nonexistent:/usr/sbin/nologin

systemd-resolve:x:991:991:systemd Resolver:/:/usr/sbin/nologin

uuidd:x:103:103::/run/uuidd:/usr/sbin/nologin

landscape:x:104:105::/var/lib/landscape:/usr/sbin/nologin

polkitd:x:990:990:User for polkitd:/:/usr/sbin/nologin

harika:x:1000:1000:,,,:/home/harika:/bin/bash



