[root@ip-172-31-81-60 puropale]# mkdir -p lekha/lekhac/lekhag/file1.txt

[root@ip-172-31-81-60 puropale]# cd lekha

[root@ip-172-31-81-60 lekha]# pwd

/home/ec2-user/puropale/lekha

[root@ip-172-31-81-60 lekha]# cat > file1.txt <<EOF

this os the child directory

EOF

[root@ip-172-31-81-60 lekha]# cat file1.txt

this os the child directory

[root@ip-172-31-81-60 lekha]# ls

file1.txt lekhac

[root@ip-172-31-81-60 lekha]# touch file2.txt

[root@ip-172-31-81-60 lekha]# cp file1.txt file2.txt

cp: overwrite 'file2.txt'? yes

[root@ip-172-31-81-60 lekha]# cat file2.txt

this os the child directory

[root@ip-172-31-81-60 lekha]# touch file3.txt

[root@ip-172-31-81-60 lekha]# cp -i file1.txt file3.txt

cp: overwrite 'file3.txt'? yes

[root@ip-172-31-81-60 lekha]# cat file3.txt

this os the child directory

[root@ip-172-31-81-60 lekha]# cp file1.txt file2.txt file3.txt lekhac

[root@ip-172-31-81-60 lekha]# ls

file1.txt file2.txt file3.txt lekhac

[root@ip-172-31-81-60 lekha]# ls lekhac/

file1.txt file2.txt file3.txt lekhag

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

Warning: Permanently added 'ec2-54-211-67-127.compute-1.amazonaws.com' (ED25519) to the list of known hosts.

, #\_

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

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Last login: Wed Feb 12 10:05:58 2025 from 182.60.33.14

[ec2-user@ip-172-31-81-60 ~]$ sudo su

[root@ip-172-31-81-60 ec2-user]# ls

parent puropale

[root@ip-172-31-81-60 ec2-user]# cd puropale

[root@ip-172-31-81-60 puropale]# ls

file.txt lekha lekhac

[root@ip-172-31-81-60 puropale]# ls -ld lekha

drwxr-xr-x. 3 root root 72 Feb 12 09:03 lekha

[root@ip-172-31-81-60 puropale]# pwd

/home/ec2-user/puropale

[root@ip-172-31-81-60 puropale]# touch file1.txt

[root@ip-172-31-81-60 puropale]# cat > lekhac <<EOF

this is the second file

EOF

[root@ip-172-31-81-60 puropale]# cat file1.txt

[root@ip-172-31-81-60 puropale]# touch file2.txt

[root@ip-172-31-81-60 puropale]# cp file1.txt file2.txt

cp: overwrite 'file2.txt'? yes

[root@ip-172-31-81-60 puropale]# mv file.txt file2.txt lekha

mv: overwrite 'lekha/file2.txt'? yes

[root@ip-172-31-81-60 puropale]# cd lekha

[root@ip-172-31-81-60 lekha]# ls

file.txt file2.txt file3.txt lekhac lekhag.bak

[root@ip-172-31-81-60 lekha]#

[root@ip-172-31-81-60 lekha]# rm file3.txt

rm: remove regular file 'file3.txt'? yes

[root@ip-172-31-81-60 lekha]# ls

file.txt file2.txt lekhac lekhag.bak

[root@ip-172-31-81-60 lekha]#

[root@ip-172-31-81-60 puropale]# rm -rf lekha

[root@ip-172-31-81-60 puropale]# ls

file1.txt lekhac

[root@ip-172-31-81-60 puropale]#

[root@ip-172-31-81-60 ec2-user]# cd /home/ec2-user/puropale

[root@ip-172-31-81-60 puropale]# pwd

/home/ec2-user/puropale

[root@ip-172-31-81-60 puropale]# pwd

/home/ec2-user/puropale

[root@ip-172-31-81-60 puropale]# touch file2.txt

[root@ip-172-31-81-60 puropale]# cp file1.txt file2.txt

cp: overwrite 'file2.txt'? yes

[root@ip-172-31-81-60 puropale]# ln file1.txt file1.txt\_link

[root@ip-172-31-81-60 puropale]# ls -l file.txt\_link

[root@ip-172-31-81-60 puropale]# ls -l

total 4

-rw-r--r--. 2 root root 0 Feb 13 01:11 file1.txt

-rw-r--r--. 2 root root 0 Feb 13 01:11 file1.txt\_link

-rw-r--r--. 1 root root 0 Feb 13 07:26 file2.txt

-rw-r--r--. 1 root root 24 Feb 13 01:14 lekhac

this is the second file

[root@ip-172-31-81-60 puropale]# ln -s file2.txt file2.txt\_softlink

[root@ip-172-31-81-60 puropale]# ls -l

total 4

-rw-r--r--. 2 root root 0 Feb 13 01:11 file1.txt

-rw-r--r--. 2 root root 0 Feb 13 01:11 file1.txt\_link

-rw-r--r--. 1 root root 0 Feb 13 07:26 file2.txt

lrwxrwxrwx. 1 root root 9 Feb 13 07:37 file2.txt\_softlink -> file2.txt

-rw-r--r--. 1 root root 24 Feb 13 01:14 lekhac

[root@ip-172-31-81-60 puropale]#

[root@ip-172-31-81-60 ec2-user]# cd puropale

[root@ip-172-31-81-60 puropale]# ln file1.txt file1.txt\_hardlink

[root@ip-172-31-81-60 puropale]# ls -l

total 4

-rw-r--r--. 3 root root 0 Feb 13 01:11 file1.txt

-rw-r--r--. 3 root root 0 Feb 13 01:11 file1.txt\_hardlink

-rw-r--r--. 3 root root 0 Feb 13 01:11 file1.txt\_link

-rw-r--r--. 1 root root 0 Feb 13 07:26 file2.txt

lrwxrwxrwx. 1 root root 9 Feb 13 07:37 file2.txt\_softlink -> file2.txt

-rw-r--r--. 1 root root 24 Feb 13 01:14 lekhac

[root@ip-172-31-81-60 puropale]

[root@ip-172-31-81-60 puropale]# ls -l file2.txt\_softlink

lrwxrwxrwx. 1 root root 9 Feb 13 07:37 file2.txt\_softlink -> file2.txt

[root@ip-172-31-81-60 puropale]# pwd

/home/ec2-user/puropale

[root@ip-172-31-81-60 puropale]# ln -s /home/ec2-user/puropale puropale\_link

[root@ip-172-31-81-60 puropale]# ls -l

total 4

-rw-r--r--. 3 root root 0 Feb 13 01:11 file1.txt

-rw-r--r--. 3 root root 0 Feb 13 01:11 file1.txt\_hardlink

-rw-r--r--. 3 root root 0 Feb 13 01:11 file1.txt\_link

-rw-r--r--. 1 root root 0 Feb 13 07:26 file2.txt

lrwxrwxrwx. 1 root root 9 Feb 13 07:37 file2.txt\_softlink -> file2.txt

-rw-r--r--. 1 root root 24 Feb 13 01:14 lekhac

lrwxrwxrwx. 1 root root 23 Feb 13 07:49 puropale\_link -> /home/ec2-user/puropale

[root@ip-172-31-81-60 puropale]#

[root@ip-172-31-81-60 puropale]# touch file3.txt

[root@ip-172-31-81-60 puropale]# cat >> file3.txt <<EOF

> this is the third file

> EOF

[root@ip-172-31-81-60 puropale]# touch file4.txt

[root@ip-172-31-81-60 puropale]# cat >> file4.txt <<EOF

this is the fourth file

EOF

[root@ip-172-31-81-60 puropale]# touch file5.txt

[root@ip-172-31-81-60 puropale]# cat >> file5.txt <<EOF

this is the fifth file

EOF

[root@ip-172-31-81-60 puropale]# touch file6.txt

[root@ip-172-31-81-60 puropale]# cat >> file6.txt <<EOF

this is the sixth file

EOF

[root@ip-172-31-81-60 puropale]# gzip file3.txt

[root@ip-172-31-81-60 puropale]# ls

file1.txt file1.txt\_link file2.txt file3.txt.gz file4.txt file5.txt file6.txt lekhac puropale\_link

[root@ip-172-31-81-60 puropale]# gzip file4.txt file5.txt

[root@ip-172-31-81-60 puropale]# ls

file1.txt file1.txt\_link file2.txt file3.txt.gz file4.txt.gz file5.txt.gz file6.txt lekhac puropale\_link

[root@ip-172-31-81-60 puropale]# touch file7.txt

[root@ip-172-31-81-60 puropale]# cat >> file6.txt <<EOF

this is the seventh file

EOF

[root@ip-172-31-81-60 puropale]# touch file8.txt

[root@ip-172-31-81-60 puropale]# cat >> file8.txt <<EOF

this is the eighth file

EOF

[root@ip-172-31-81-60 puropale]# ls

file1.txt file1.txt\_link file2.txt file3.txt.gz file4.txt.gz file5.txt.gz file6.txt file7.txt file8.txt lekhac puropale\_link

[root@ip-172-31-81-60 puropale]# cat file7

cat: file7: No such file or directory

[root@ip-172-31-81-60 puropale]#

[root@ip-172-31-81-60 puropale]# cat file7.txt

[root@ip-172-31-81-60 puropale]# cat file8.txt

this is the eighth file

[root@ip-172-31-81-60 puropale]# cat >> file7.txt <<EOF

this is the seventh file

EOF

[root@ip-172-31-81-60 puropale]# cat file9.txt

cat: file9.txt: No such file or directory

[root@ip-172-31-81-60 puropale]# touch file9.txt

[root@ip-172-31-81-60 puropale]# cat >> file9.txt <<EOF

this is the nineth file

EOF

[root@ip-172-31-81-60 puropale]# touch file10.txt

[root@ip-172-31-81-60 puropale]# cat >> file10.txt <<EOF

this is the tenth file

EOF

[root@ip-172-31-81-60 puropale]# ls

file1.txt file1.txt\_link file10.txt file2.txt file3.txt.gz file4.txt.gz file5.txt.gz file6.txt file7.txt file8.txt file9.txt lekhac puropale\_link

[root@ip-172-31-81-60 puropale]# gzip -k file6.txt

[root@ip-172-31-81-60 puropale]# ls

file1.txt file1.txt\_link file10.txt file2.txt file3.txt.gz file4.txt.gz file5.txt.gz file6.txt file6.txt.gz file7.txt file8.txt file9.txt lekhac puropale\_link

[root@ip-172-31-81-60 puropale]# gzip -k file7.txt file8.txt

[root@ip-172-31-81-60 puropale]# ls

file1.txt file10.txt file3.txt.gz file5.txt.gz file6.txt.gz file7.txt.gz file8.txt.gz lekhac

file1.txt\_link file2.txt file4.txt.gz file6.txt file7.txt file8.txt file9.txt puropale\_link

[root@ip-172-31-81-60 puropale]# gunzip file8.txt.gz

gzip: file8.txt already exists; do you wish to overwrite (y or n)? yes

[root@ip-172-31-81-60 puropale]# ls

file1.txt file1.txt\_link file10.txt file2.txt file3.txt.gz file4.txt.gz file5.txt.gz file6.txt file6.txt.gz file7.txt file7.txt.gz file8.txt file9.txt lekhac puropale\_link

[root@ip-172-31-81-60 puropale]# gunzip file3.txt.gz file4.txt.gz file5.txt.gz

[root@ip-172-31-81-60 puropale]# ls

file1.txt file1.txt\_link file10.txt file2.txt file3.txt file4.txt file5.txt file6.txt file6.txt.gz file7.txt file7.txt.gz file8.txt file9.txt lekhac puropale\_link

[root@ip-172-31-81-60 puropale]#

[root@ip-172-31-81-60 puropale]# ls

file1.txt file1.txt\_link file10.txt file2.txt file3.txt file4.txt file5.txt file6.txt file6.txt.gz file7.txt file7.txt.gz file8.txt file9.txt lekhac puropale\_link

[root@ip-172-31-81-60 puropale]# gunzip -d file6.txt.gz

gzip: file6.txt already exists; do you wish to overwrite (y or n)? yes

[root@ip-172-31-81-60 puropale]# ls

file1.txt file1.txt\_link file10.txt file2.txt file3.txt file4.txt file5.txt file6.txt file7.txt file7.txt.gz file8.txt file9.txt lekhac puropale\_link

[root@ip-172-31-81-60 puropale]#

Administrator@DESKTOP-I16IA9O MINGW64 ~/Downloads/keypair

$ chmod 400 "linux.pem"

Administrator@DESKTOP-I16IA9O MINGW64 ~/Downloads/keypair

$ ssh -i "linux.pem" ec2-user@ec2-3-95-7-203.compute-1.amazonaws.com

, #\_

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

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

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Last login: Mon Feb 17 14:32:04 2025 from 117.252.38.151

[ec2-user@ip-172-31-80-30 ~]$ sudo su

[root@ip-172-31-80-30 ec2-user]# ls

universe

[root@ip-172-31-80-30 ec2-user]# cd universe

[root@ip-172-31-80-30 universe]# ls

cities country districts states

[root@ip-172-31-80-30 universe]# cd countries

bash: cd: countries: No such file or directory

[root@ip-172-31-80-30 universe]# cd country

[root@ip-172-31-80-30 country]# cd ..

[root@ip-172-31-80-30 universe]# ls -l

total 0

drwxr-xr-x. 2 root root 26 Feb 17 14:23 cities

drwxr-xr-x. 2 root root 29 Feb 17 14:06 country

drwxr-xr-x. 2 root root 30 Feb 17 14:26 districts

drwxr-xr-x. 2 root root 27 Feb 17 14:19 states

[root@ip-172-31-80-30 universe]# ls -a

. .. cities country districts states

[root@ip-172-31-80-30 universe]# ls -lh

total 0

drwxr-xr-x. 2 root root 26 Feb 17 14:23 cities

drwxr-xr-x. 2 root root 29 Feb 17 14:06 country

drwxr-xr-x. 2 root root 30 Feb 17 14:26 districts

drwxr-xr-x. 2 root root 27 Feb 17 14:19 states

[root@ip-172-31-80-30 universe]# ls -r

states districts country cities

[root@ip-172-31-80-30 universe]# cd country

[root@ip-172-31-80-30 country]# ls

countryfile.txt

[root@ip-172-31-80-30 country]# cat >> file.txt

India, officially known as the Republic of India, is a vast and diverse country in South Asia. It is the seventh-largest country by land area and the most populous country in the world. India is known for its rich history, cultural heritage, linguistic diversity, and economic growth.

[root@ip-172-31-80-30 country]# cat >> usfile.txt

The United States of America (USA) is a vast and diverse country located in North America. It is one of the world's most powerful nations, known for its economic strength, cultural influence, technological advancements, and political significance.

[root@ip-172-31-80-30 country]# cat >> ukfile.txt

The United Kingdom (UK) is a sovereign country in northwestern Europe, known for its rich history, global influence, and cultural heritage. It is made up of four nations: England, Scotland, Wales, and Northern Ireland

[root@ip-172-31-80-30 country]# cat >> indonesiafile.txt

Indonesia is the largest archipelago in the world, made up of over 17,000 islands. It is located in Southeast Asia, between the Indian and Pacific Oceans. The country is known for its diverse culture, rich history, natural beauty, and rapid economic growth.

[root@ip-172-31-80-30 country]# ls

countryfile.txt file.txt indonesiafile.txt ukfile.txt usfile.txt

[root@ip-172-31-80-30 country]# cat country file

cat: country: No such file or directory

cat: file: No such file or directory

[root@ip-172-31-80-30 country]# cat countryfile.txt

India

US

UK

Indonesia

Bhutan

Japan

[root@ip-172-31-80-30 country]# cat >> bhutanfile.txt

Bhutan is a small, landlocked kingdom in the Himalayas, known for its rich culture, stunning landscapes, and unique approach to development, emphasizing Gross National Happiness (GNH) over economic growth.

[root@ip-172-31-80-30 country]#

[root@ip-172-31-80-30 country]# cat >> japanfile.txt

Japan is an island nation in East Asia, known for its rich culture, technological advancements, economic strength, and unique traditions. It blends ancient heritage with modern innovation, making it one of the most fascinating countries in the world.

[root@ip-172-31-80-30 country]# ls

bhutanfile.txt countryfile.txt file.txt indonesiafile.txt japanfile.txt ukfile.txt usfile.txt

[root@ip-172-31-80-30 country]# pwd

/home/ec2-user/universe/country

[root@ip-172-31-80-30 country]# cp -r /home/ec2-user/universe/country/countryfile.txt /home/ec2-user/universe/states

[root@ip-172-31-80-30 country]# cd ..

[root@ip-172-31-80-30 universe]# pwd

/home/ec2-user/universe

[root@ip-172-31-80-30 universe]# cd states

[root@ip-172-31-80-30 states]# ls

countryfile.txt statefile.txt

[root@ip-172-31-80-30 states]# mv -r /home/ec2-user/universe/country/file.txt /home/ec2-user/universe/states

mv: invalid option -- 'r'

Try 'mv --help' for more information.

[root@ip-172-31-80-30 states]# mv /home/ec2-user/universe/country/file.txt /home/ec2-user/universe/states

[root@ip-172-31-80-30 states]# cd ..

[root@ip-172-31-80-30 universe]# pwd

/home/ec2-user/universe

[root@ip-172-31-80-30 universe]# cd states

[root@ip-172-31-80-30 states]# ls

countryfile.txt file.txt statefile.txt

[root@ip-172-31-80-30 states]# cd ..

[root@ip-172-31-80-30 universe]# cd country

[root@ip-172-31-80-30 country]# ls

bhutanfile.txt countryfile.txt indonesiafile.txt japanfile.txt ukfile.txt usfile.txt

[root@ip-172-31-80-30 country]# touch files.txt

[root@ip-172-31-80-30 country]# cat >> files.txt

India, officially known as the Republic of India, is a vast and diverse country in South Asia. It is the seventh-largest country by land area and the most populous country in the world. India is known for its rich history, cultural heritage, linguistic diversity, and economic growth.

[root@ip-172-31-80-30 country]# cat files.txt

India, officially known as the Republic of India, is a vast and diverse country in South Asia. It is the seventh-largest country by land area and the most populous country in the world. India is known for its rich history, cultural heritage, linguistic diversity, and economic growth.

[root@ip-172-31-80-30 country]# pwd

/home/ec2-user/universe/country

[root@ip-172-31-80-30 country]# find /home/ec2-user/universe/country -name ukfile.txt

/home/ec2-user/universe/country/ukfile.txt

[root@ip-172-31-80-30 country]# ^C

[root@ip-172-31-80-30 country]# open ukfile.txt

bash: open: command not found

[root@ip-172-31-80-30 country]# ln ukfile.txt ukfile.txt\_hardlink.txt

[root@ip-172-31-80-30 country]# ls

bhutanfile.txt countryfile.txt files.txt indonesiafile.txt japanfile.txt ukfile.txt ukfile.txt\_hardlink.txt usfile.txt

[root@ip-172-31-80-30 country]# cat ukfile.txt\_hardlink.txt

The United Kingdom (UK) is a sovereign country in northwestern Europe, known for its rich history, global influence, and cultural heritage. It is made up of four nations: England, Scotland, Wales, and Northern Ireland

[root@ip-172-31-80-30 country]# ln -s files.txt files.txt\_softlink.txt

[root@ip-172-31-80-30 country]# ls

bhutanfile.txt countryfile.txt files.txt files.txt\_softlink.txt indonesiafile.txt japanfile.txt ukfile.txt ukfile.txt\_hardlink.txt usfile.txt

[root@ip-172-31-80-30 country]# cd ..

[root@ip-172-31-80-30 universe]# ln -s states states\_softlink

[root@ip-172-31-80-30 universe]# ls

cities country districts states states\_softlink

[root@ip-172-31-80-30 universe]# cd country

[root@ip-172-31-80-30 country]# ls

bhutanfile.txt countryfile.txt files.txt files.txt\_softlink.txt indonesiafile.txt japanfile.txt ukfile.txt ukfile.txt\_hardlink.txt usfile.txt

[root@ip-172-31-80-30 country]# gzip files.txt indonesiafile.txt japanfile.txt

[root@ip-172-31-80-30 country]# ls

bhutanfile.txt countryfile.txt files.txt.gz files.txt\_softlink.txt indonesiafile.txt.gz japanfile.txt.gz ukfile.txt ukfile.txt\_hardlink.txt usfile.txt

[root@ip-172-31-80-30 country]# gunzip files.txt.gz files.txt\_softlink.txt indonesiafile.txt.gz

gzip: files.txt\_softlink.txt: Too many levels of symbolic links

[root@ip-172-31-80-30 country]# ls

bhutanfile.txt countryfile.txt files.txt files.txt\_softlink.txt indonesiafile.txt japanfile.txt.gz ukfile.txt ukfile.txt\_hardlink.txt usfile.txt

[root@ip-172-31-80-30 country]# gzip ukfile.txt ukfile.txt\_hardlink.txt usfile.txt

gzip: ukfile.txt has 1 other link -- file ignored

gzip: ukfile.txt\_hardlink.txt has 1 other link -- file ignored

[root@ip-172-31-80-30 country]# ls

bhutanfile.txt countryfile.txt files.txt files.txt\_softlink.txt indonesiafile.txt japanfile.txt.gz ukfile.txt ukfile.txt\_hardlink.txt usfile.txt.gz

[root@ip-172-31-80-30 country]# gunzip -k usfile.txt.gz

[root@ip-172-31-80-30 country]# ls

bhutanfile.txt countryfile.txt files.txt files.txt\_softlink.txt indonesiafile.txt japanfile.txt.gz ukfile.txt ukfile.txt\_hardlink.txt usfile.txt usfile.txt.gz

[root@ip-172-31-80-30 country]# less countryfile.txt

[root@ip-172-31-80-30 country]# tail files.txt

India, officially known as the Republic of India, is a vast and diverse country in South Asia. It is the seventh-largest country by land area and the most populous country in the world. India is known for its rich history, cultural heritage, linguistic diversity, and economic growth.

[root@ip-172-31-80-30 country]# tail countryfile.txt

India

US

UK

Indonesia

Bhutan

Japan

[root@ip-172-31-80-30 country]# cd ..

[root@ip-172-31-80-30 universe]# cd states.txt

bash: cd: states.txt: No such file or directory

[root@ip-172-31-80-30 universe]# cd states

[root@ip-172-31-80-30 states]# ls

countryfile.txt file.txt statefile.txt

[root@ip-172-31-80-30 states]# tail statefile.txt

Alabama

Alaska

Arizona

Arkansas

California

Colorado

Connecticut

Delaware

Florida

Georgia

[root@ip-172-31-80-30 states]# tail -n 20 statefile.txt

Andhra Pradesh

Arunachal Pradesh

Assam

Bihar

Chhattisgarh

Goa

Gujarat

Haryana

Himachal Pradesh

Jharkhand

Alabama

Alaska

Arizona

Arkansas

California

Colorado

Connecticut

Delaware

Florida

Georgia

[root@ip-172-31-80-30 states]# tail -c 20 statefile.txt

are

Florida

Georgia

[root@ip-172-31-80-30 states]# wc statefile.txt

20 23 194 statefile.txt

[root@ip-172-31-80-30 states]# wc -l statefile.txt

20 statefile.txt

[root@ip-172-31-80-30 states]# wc -w statefile.txt

23 statefile.txt

[root@ip-172-31-80-30 states]# wc -m statefile.txt

194 statefile.txt

[root@ip-172-31-80-30 states]# wc -c statefile.txt

194 statefile.txt

[root@ip-172-31-80-30 states]# grep 'is' files.txt

grep: files.txt: No such file or directory

[root@ip-172-31-80-30 states]# grep "is" files.txt

grep: files.txt: No such file or directory

[root@ip-172-31-80-30 states]# pwd

/home/ec2-user/universe/states

[root@ip-172-31-80-30 states]# grep "is" /home/ec2-user/universe/states/files.txt

grep: /home/ec2-user/universe/states/files.txt: No such file or directory

[root@ip-172-31-80-30 states]# ls

countryfile.txt file.txt statefile.txt

[root@ip-172-31-80-30 states]# grep "is" /home/ec2-user/universe/states/file.txt

India, officially known as the Republic of India, is a vast and diverse country in South Asia. It is the seventh-largest country by land area and the most populous country in the world. India is known for its rich history, cultural heritage, linguistic diversity, and economic growth.

[root@ip-172-31-80-30 states]# grep -i "is" /home/ec2-user/universe/states/files.txt

grep: /home/ec2-user/universe/states/files.txt: No such file or directory

[root@ip-172-31-80-30 states]# grep -r "is" /home/ec2-user/universe/states/files.txt

grep: /home/ec2-user/universe/states/files.txt: No such file or directory

[root@ip-172-31-80-30 states]# grep -r "is" /home/ec2-user/universe/states

/home/ec2-user/universe/states/statefile.txt:Chhattisgarh

/home/ec2-user/universe/states/file.txt:India, officially known as the Republic of India, is a vast and diverse country in South Asia. It is the seventh-largest country by land area and the most populous country in the world. India is known for its rich history, cultural heritage, linguistic diversity, and economic growth.

[root@ip-172-31-80-30 states]# grep -n "is" /home/ec2-user/universe/states

grep: /home/ec2-user/universe/states: Is a directory

[root@ip-172-31-80-30 states]# grep -n "is" /home/ec2-user/universe/states/file.txt

1:India, officially known as the Republic of India, is a vast and diverse country in South Asia. It is the seventh-largest country by land area and the most populous country in the world. India is known for its rich history, cultural heritage, linguistic diversity, and economic growth.

[root@ip-172-31-80-30 states]# grep -o "is" /home/ec2-user/universe/states/file.txt

is

is

is

is

is

[root@ip-172-31-80-30 states]# grep -c "is" /home/ec2-user/universe/states/file.txt

1

[root@ip-172-31-80-30 states]# grep -v "is" /home/ec2-user/universe/states/file.txt

[root@ip-172-31-80-30 states]# sort file.txt

India, officially known as the Republic of India, is a vast and diverse country in South Asia. It is the seventh-largest country by land area and the most populous country in the world. India is known for its rich history, cultural heritage, linguistic diversity, and economic growth.

[root@ip-172-31-80-30 states]# sort statefile.txt

Alabama

Alaska

Andhra Pradesh

Arizona

Arkansas

Arunachal Pradesh

Assam

Bihar

California

Chhattisgarh

Colorado

Connecticut

Delaware

Florida

Georgia

Goa

Gujarat

Haryana

Himachal Pradesh

Jharkhand

[root@ip-172-31-80-30 states]# sort -r statefile.txt

Jharkhand

Himachal Pradesh

Haryana

Gujarat

Goa

Georgia

Florida

Delaware

Connecticut

Colorado

Chhattisgarh

California

Bihar

Assam

Arunachal Pradesh

Arkansas

Arizona

Andhra Pradesh

Alaska

Alabama

[root@ip-172-31-80-30 states]# sort -k2 statefile.txt

Alabama

Alaska

Arizona

Arkansas

Assam

Bihar

California

Chhattisgarh

Colorado

Connecticut

Delaware

Florida

Georgia

Goa

Gujarat

Haryana

Jharkhand

Andhra Pradesh

Arunachal Pradesh

Himachal Pradesh

[root@ip-172-31-80-30 states]# sort -k6 statefile.txt

Alabama

Alaska

Andhra Pradesh

Arizona

Arkansas

Arunachal Pradesh

Assam

Bihar

California

Chhattisgarh

Colorado

Connecticut

Delaware

Florida

Georgia

Goa

Gujarat

Haryana

Himachal Pradesh

Jharkhand

[root@ip-172-31-80-30 states]# cat >> file2.txt

Alabama

Alaska

Andhra Pradesh

Arizona

Arkansas

Arunachal Pradesh

Assam

Bihar

California

Chhattisgarh

Colorado

Connecticut

Delaware

Florida

Georgia

Goa

Gujarat

Haryana

Himachal Pradesh

Jharkhand

Alabama

Alaska

Andhra Pradesh

Arizona

Arkansas

Arunachal Pradesh

Assam

Bihar

California

Chhattisgarh

Colorado

[root@ip-172-31-80-30 states]# cat file2.txt

Alabama

Alaska

Andhra Pradesh

Arizona

Arkansas

Arunachal Pradesh

Assam

Bihar

California

Chhattisgarh

Colorado

Connecticut

Delaware

Florida

Georgia

Goa

Gujarat

Haryana

Himachal Pradesh

Jharkhand

Alabama

Alaska

Andhra Pradesh

Arizona

Arkansas

Arunachal Pradesh

Assam

Bihar

California

Chhattisgarh

Colorado

[root@ip-172-31-80-30 states]# cat uniq file2.txt

cat: uniq: No such file or directory

Alabama

Alaska

Andhra Pradesh

Arizona

Arkansas

Arunachal Pradesh

Assam

Bihar

California

Chhattisgarh

Colorado

Connecticut

Delaware

Florida

Georgia

Goa

Gujarat

Haryana

Himachal Pradesh

Jharkhand

Alabama

Alaska

Andhra Pradesh

Arizona

Arkansas

Arunachal Pradesh

Assam

Bihar

California

Chhattisgarh

Colorado

[root@ip-172-31-80-30 states]# cat uniq | file2.txt

bash: file2.txt: command not found

cat: uniq: No such file or directory

[root@ip-172-31-80-30 states]# ^C

[root@ip-172-31-80-30 states]# uniq -c file2.txt

1 Alabama

1 Alaska

1 Andhra Pradesh

1 Arizona

1 Arkansas

1 Arunachal Pradesh

1 Assam

1 Bihar

1 California

1 Chhattisgarh

1 Colorado

1 Connecticut

1 Delaware

1 Florida

1 Georgia

1 Goa

1 Gujarat

1 Haryana

1 Himachal Pradesh

1 Jharkhand

1 Alabama

1 Alaska

1 Andhra Pradesh

1 Arizona

1 Arkansas

1 Arunachal Pradesh

1 Assam

1 Bihar

1 California

1 Chhattisgarh

1 Colorado

[root@ip-172-31-80-30 states]# diff statefile.txt file2.txt

0a1,2

> Alabama

> Alaska

1a4,5

> Arizona

> Arkansas

4a9

> California

5a11,15

> Colorado

> Connecticut

> Delaware

> Florida

> Georgia

12a23

> Andhra Pradesh

14a26,28

> Arunachal Pradesh

> Assam

> Bihar

15a30

> Chhattisgarh

17,20d31

< Connecticut

< Delaware

< Florida

< Georgia

[root@ip-172-31-80-30 states]# echo file2.txt

file2.txt

[root@ip-172-31-80-30 states]# echo file2.txt

file2.txt

[root@ip-172-31-80-30 states]# unmask

bash: unmask: command not found

[root@ip-172-31-80-30 states]# unmask 089

bash: unmask: command not found

[root@ip-172-31-80-30 states]# unmask 022

bash: unmask: command not found

[root@ip-172-31-80-30 states]# unmask 027

bash: unmask: command not found

[root@ip-172-31-80-30 states]#

[root@ip-172-31-80-30 states]# umask

0022

[root@ip-172-31-80-30 states]# cd ..

[root@ip-172-31-80-30 universe]# pwd

/home/ec2-user/universe

[root@ip-172-31-80-30 universe]# du /home/ec2-user/universe

48 /home/ec2-user/universe/country

16 /home/ec2-user/universe/states

4 /home/ec2-user/universe/cities

4 /home/ec2-user/universe/districts

72 /home/ec2-user/universe

[root@ip-172-31-80-30 universe]# du -h /home/ec2-user/universe

48K /home/ec2-user/universe/country

16K /home/ec2-user/universe/states

4.0K /home/ec2-user/universe/cities

4.0K /home/ec2-user/universe/districts

72K /home/ec2-user/universe

[root@ip-172-31-80-30 universe]# df

Filesystem 1K-blocks Used Available Use% Mounted on

devtmpfs 4096 0 4096 0% /dev

tmpfs 486124 0 486124 0% /dev/shm

tmpfs 194452 448 194004 1% /run

/dev/xvda1 8310764 1634868 6675896 20% /

tmpfs 486128 0 486128 0% /tmp

/dev/xvda128 10202 1310 8892 13% /boot/efi

tmpfs 97224 0 97224 0% /run/user/1000

[root@ip-172-31-80-30 universe]#