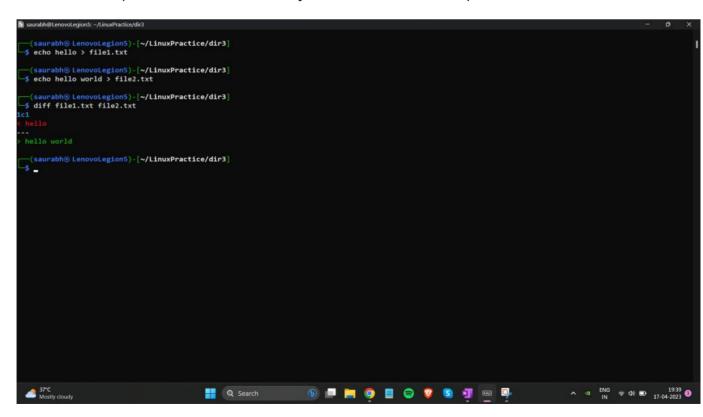
Search for files :

Evaluate and compare the basic file system features and options :



Compare and manipulate file content :

Use input-output redirection (e.g. >, >>, |, 2>)

Analyse text using basic regular expressions :

Archive, backup, compress, unpack, and uncompress files:

Archiving file:

```
Section and interesting in the contemporary of the contemporary of
```

Compress/Uncompress file :

```
S LenovoLegion5) - [~/LinuxPractice/dir3/archieve
otal 28
total 28
-rw-r--r-- 1 saurabh saurabh 10248 Apr 17 20:15 archieve.1
-rw-r--r-- 1 saurabh saurabh 131 Apr 17 19:53 file1.txt
-rw-r--r- 1 saurabh saurabh 71 Apr 17 20:10 file2.txt
-rw-r--r-- 1 saurabh saurabh 13 Apr 17 20:14 file3.txt
                          olegion5)-[~/LinuxPractice/dir3/archieve]
 $ gzip archieve.tar
     saurabh@ LenovoLegion5) - [~/LinuxPractice/dir3/archieve]
(Saurabhe Lenovolegions) [9/Linovia title of the saurabh saurabh 337 Apr 17 20:15 archieve.tar.gz - rw-r--r-- 1 saurabh saurabh 131 Apr 17 19:53 filel.txt - rw-r--r-- 1 saurabh saurabh 71 Apr 17 20:10 file2.txt - rw-r--r-- 1 saurabh saurabh 13 Apr 17 20:14 file3.txt - rw-r--r-- 1 saurabh saurabh 18 Apr 17 20:14 file4.txt
 (saurabh@ LenovoLegion5) - [~/LinuxPractice/dir3/archieve]

$ mkdir uncompress
 —(saurabh⊛ Lenovolegion5)-[~/LinuxPractice/dir3/archieve]

$ mv archieve.tar.gz uncompress/
              he Lenovolegion5) - [~/LinuxPractice/dir3/archieve]
 s cd uncompress/
                          oLegion5) - [~/LinuxPractice/dir3/archieve/uncompress]
 5 gunzip archieve.tar.gz
             bh@ LenovoLegion5)-[~/LinuxPractice/dir3/archieve/uncompress]
otal 12
          -- 1 saurabh saurabh 10240 Apr 17 20:15 archieve.tar
  -(saurabh@ Lenovolegion5)-[~/LinuxPractice/dir3/archieve/uncompress]
```

Create, delete, copy, and move files and directories :

```
-(saurabh⊗ LenovoLegion5)-[~/LinuxPractice/dir4]
 $ touch file.txt
 —(saurabh⊕ LenovoLegion5)-[~/LinuxPractice/dir4]
 5 mkdir directory
 -(saurabh@ LenovoLegion5) - [~/LinuxPractice/dir4]
 s my file.txt directory/
 -(saurabh@ LenovoLegion5)-[~/LinuxPractice/dir4]
 $ cd directory/
 -(saurabh@LenovoLegion5)-[~/LinuxPractice/dir4/directory]
file.txt
 -(saurabh@ LenovoLegion5) - [~/LinuxPractice/dir4/directory]
 s rm file.txt
 —(saurabh⊕ LenovoLegion5)-[~/LinuxPractice/dir4/directory]
-$ cd ..
___(saurabh⊛ LenovoLegion5)-[~/LinuxPractice/dir4]

—$ ls
  -(saurabh@LenovoLegion5)-[~/LinuxPractice/dir4]
 $ rm -r directory/
 37°C
Mostly cloudy
```

Create and manage hard and soft links :

```
Select saurabh@LenovoLegion5)-[~/Links]

$ 1n -s /home/saurabh/LinuxPractice/dir1/dir2/dir3/file1.txt softlink

$ (saurabh@LenovoLegion5)-[~/Links]

$ 1n /home/saurabh/LinuxPractice/dir1/dir2/dir3/file1.txt hardlink

$ (saurabh@LenovoLegion5)-[~/Links]

$ 1s -1

total 4

-rw-r--r-- 2 saurabh saurabh 12 Apr 17 20:47 hardlink

Irwxrwxrwx 1 saurabh saurabh 52 Apr 17 20:48 softlink -> /home/saurabh/LinuxPractice/dir1/dir2/dir3/file1.txt

$ (saurabh@LenovoLegion5)-[~/Links]
```

```
aurabh@ LenovoLegion5)-[~/Links]
 $ ln -s /home/saurabh/LinuxPractice/dir1/dir2/dir3/file1.txt softlink
 —(saurabh® LenovoLegion5)-[~/Links]

→ 1n /home/saurabh/LinuxPractice/dir1/dir2/dir3/file1.txt hardlink
(saurabh® LenovoLegion5)-[~/Links]
$ 1s -1
total 4
rw-r--r- 2 saurabh saurabh 12 Apr 17 20:47 hardlink
lrwxrwxrwx 1 saurabh saurabh 52 Apr 17 20:48 <mark>softlink -> /</mark>home/saurabh/LinuxPractice/dir1/dir2/dir3/file1.txt
 --(saurabh⊕ LenovoLegion5)-[~/Links]
-$ cat hardl
at: hardl: No such file or directory
  (saurabh@ LenovoLegion5) - [~/Links]
 s cat hardlink
Hello World
 —(saurabh⊕LenovoLegion5)-[~/Links]
-$ echo "Modifying the actual content of the file by using this hardlink" > hardlink
         bh® LenovoLegion5)-[~/Links]
 s cat hardlink
 difying the actual content of the file by using this hardlink
--(saurabh® LenovoLegion5)-[~/Links]
-$ cat softlink
 difying the actual content of the file by using this hardlink
 -(saurabh⊛ LenovoLegion5)-[~/Links]
```

List, set, and change standard file permissions :

