2. Linux File Management:

Task 1: File Permissions

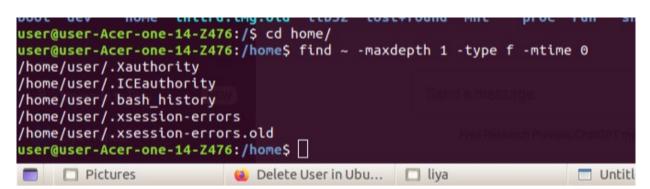
```
user@user-Acer-one-14-Z476:~/testdir$ ls -l
total 0
-rw-r---- 1 user user 0 May 13 10:06 file1.txt
-rw-rw-r-- 1 user user 0 May 13 10:07 file2.txt
user@user-Acer-one-14-Z476:~/testdir$
```

Task 2: Text and File Search

grep command

```
File Edit View Search Terminal Help
 user@user-Acer-one-14-Z476:~$ gedit sample.txt
 user@user-Acer-one-14-Z476:~$ grep "Linux" sample.txt
      f e is an open source operating system (OS). It was originally conceived of a
 nd created as a hobby by Linus Torvalds in 1991. Linus, while at university, sou
 ght to create an alternative, free, open source version of the MINIX operating s
 ystem, which was itself based on the principles and design of Unix. That hobby h
 as since become the OS with the largest user base, the most-used OS on publicly
 available internet servers, and the only OS used on the top 500 fastest supercom
 Perhaps the best thing about Linux is that it's open source. Linux is released u
 nder the GNU General Public License (GPL). That means that anyone can run, study
 , share, and modify the software. The modified code can also be redistributed, a
 nd even sold, but must be done so under the same license. This differs greatly f
 rom traditional operating systems—Unix and Windows, for example—which are propri
 etary, locked-down, and delivered as-is and unmodifiable.
 user@user-Acer-one-14-Z476:~$
```

find command

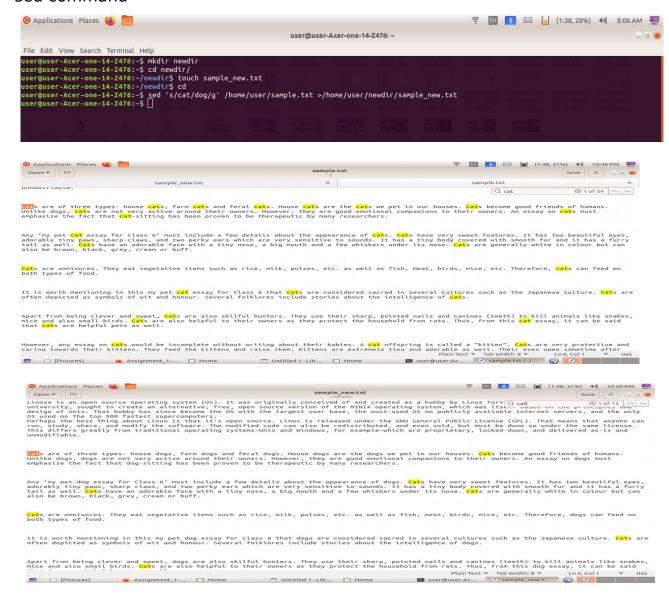


locate command

```
user@user-Acer-one-14-Z476:~$ locate -b '\bash'
/bin/bash
2/etc/apparmor.d/abstractions/bash
/home/user/Downloads/postman-linux-x64/Postman/app/resources/app/node_modules/@p
ostman/hermes/tests/unit/bash
/snap/core18/2721/bin/bash
/snap/core18/2721/etc/apparmor.d/abstractions/bash
/snap/core18/2721/usr/share/doc/bash
/snap/core18/2721/usr/share/doc/bash
/snap/core18/2721/usr/share/menu/bash
/snap/core18/2745/bin/bash
/snap/core18/2745/bin/bash
/snap/core18/2745/etc/apparmor.d/abstractions/bash
/snap/core18/2745/usr/share/doc/bash
/snap/core18/2745/usr/share/initian/overrides/bash
/snap/core18/2745/usr/share/menu/bash
/snap/core18/2745/usr/share/menu/bash
/snap/postman/204/usr/share/menu/bash
/snap/postman/204/usr/share/postman/resources/app/node_modules/@postman/hermes/t
ests/unit/bash
/snap/snapd/19122/usr/lib/snapd/apparmor.d/abstractions/bash
/usr/share/code/resources/completions/bash
/usr/share/doc/bash
/usr/share/lintian/overrides/bash
/usr/share/lintian/overrides/bash
/usr/share/menu/bash
user@user-Acer-one-14-Z476:~$ [
```

Task 3: Text and File Processing

> sed command



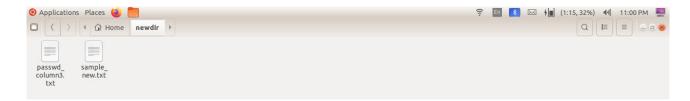
cut command

```
File Edit View Search Terminal Help

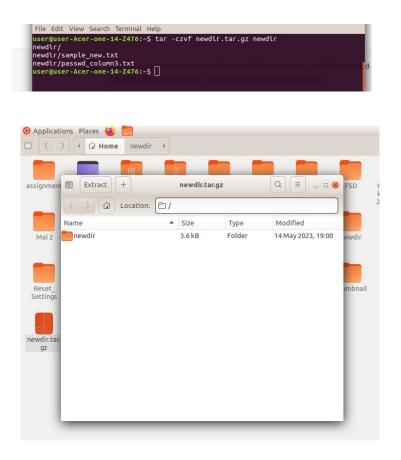
Jser@user-Acer-one-14-Z476:-$ cut -d: -f3 /etc/passwd > newdir/passwd_column3.tx

t

Jser@user-Acer-one-14-Z476:-$ []
```

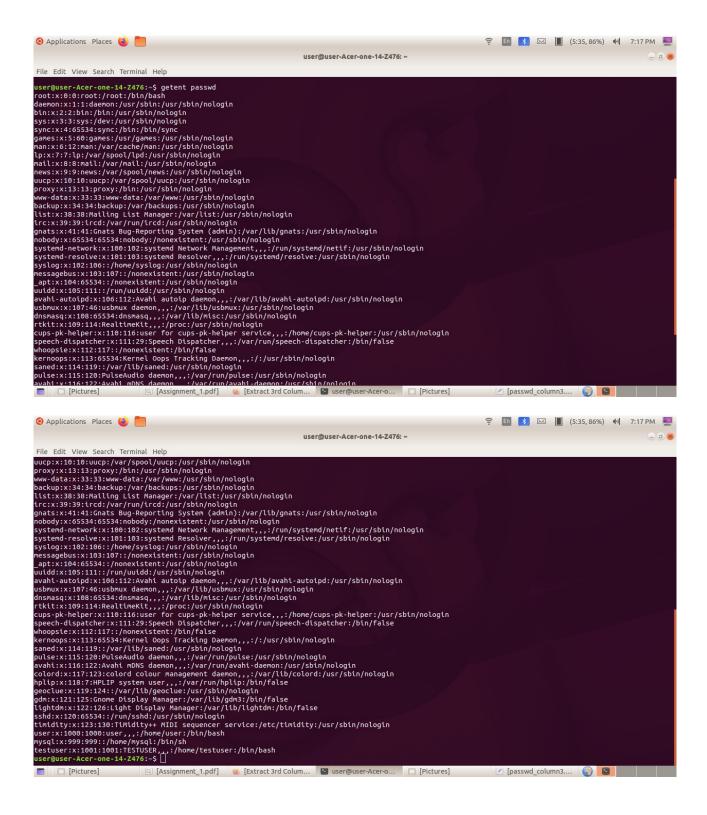


> tar command



3. User and Group Management

Task 1: User Management



Task 2: Group Management

