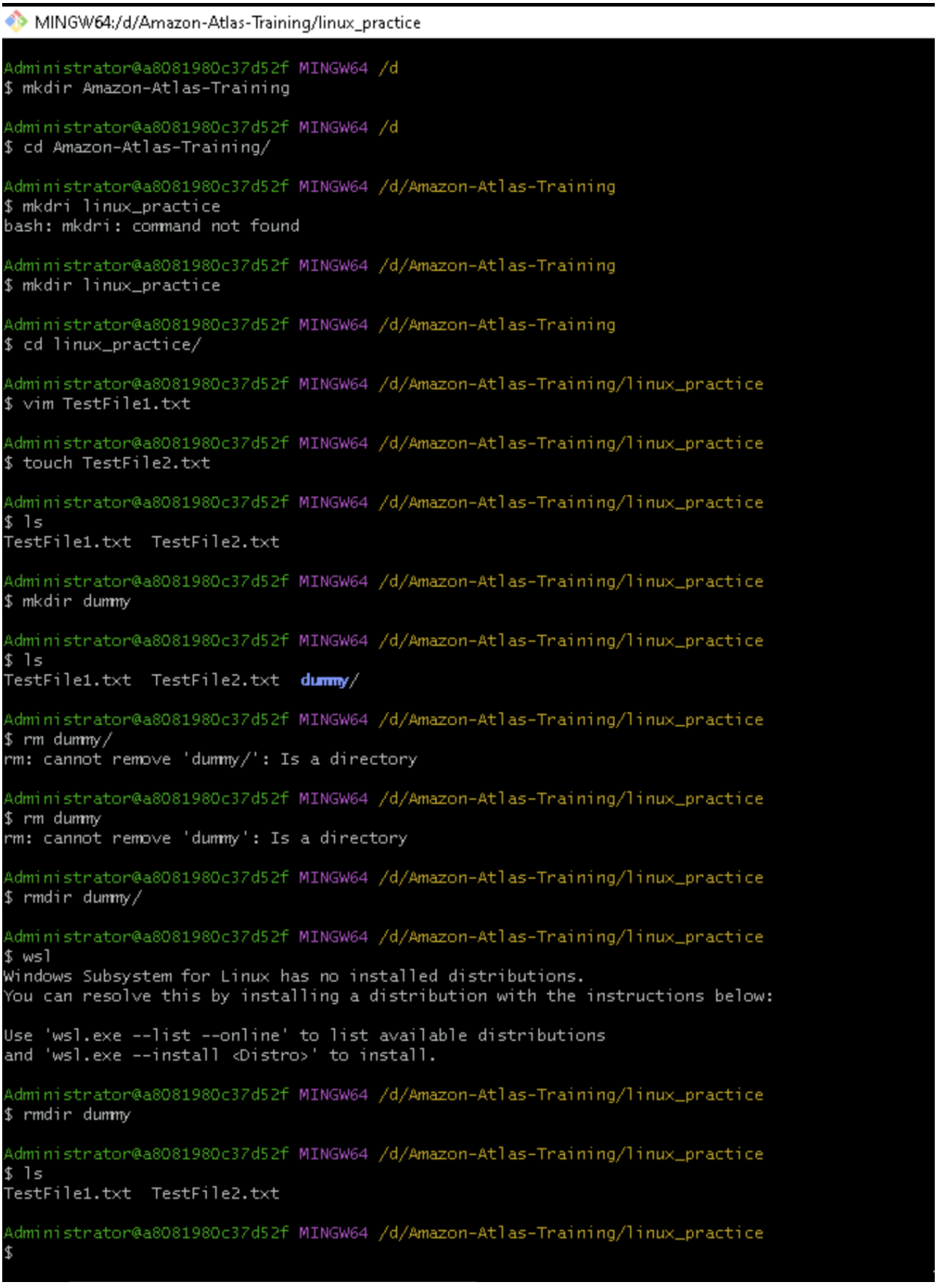
Task 1,2,3,4


MINGW64:/d/Amazon-Atlas-Training/linux_practice
Administrator@a8081980c37d52f MINGW64 /d
$ mkdir Amazon-Atlas-Training
Administrator@a8081980c37d52f MINGW64 /d
$ cd Amazon-Atlas-Training/
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ mkdri linux_practice
bash: mkdri: command not found
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ mkdir linux_practice
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ cd linux_practice/
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ vim TestFile1.txt
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ touch TestFile2.txt
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ ls
TestFile1.txt TestFile2.txt
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ mkdir dummy
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ ls
TestFile1.txt TestFile2.txt dummy/
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ rm dummy/
rm: cannot remove 'dummy/': Is a directory
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ rm dummy
rm: cannot remove 'dummy': Is a directory
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ rmdir dummy/
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ wsl
Windows Subsystem for Linux has no installed distributions.
You can resolve this by installing a distribution with the instructions below:
Use 'wsl.exe --list --online' to list available distributions
and 'wsl.exe --install <Distro>' to install.
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ rmdir dummy
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ ls
TestFile1.txt TestFile2.txt
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$

Task 5,6,7,8,9,10

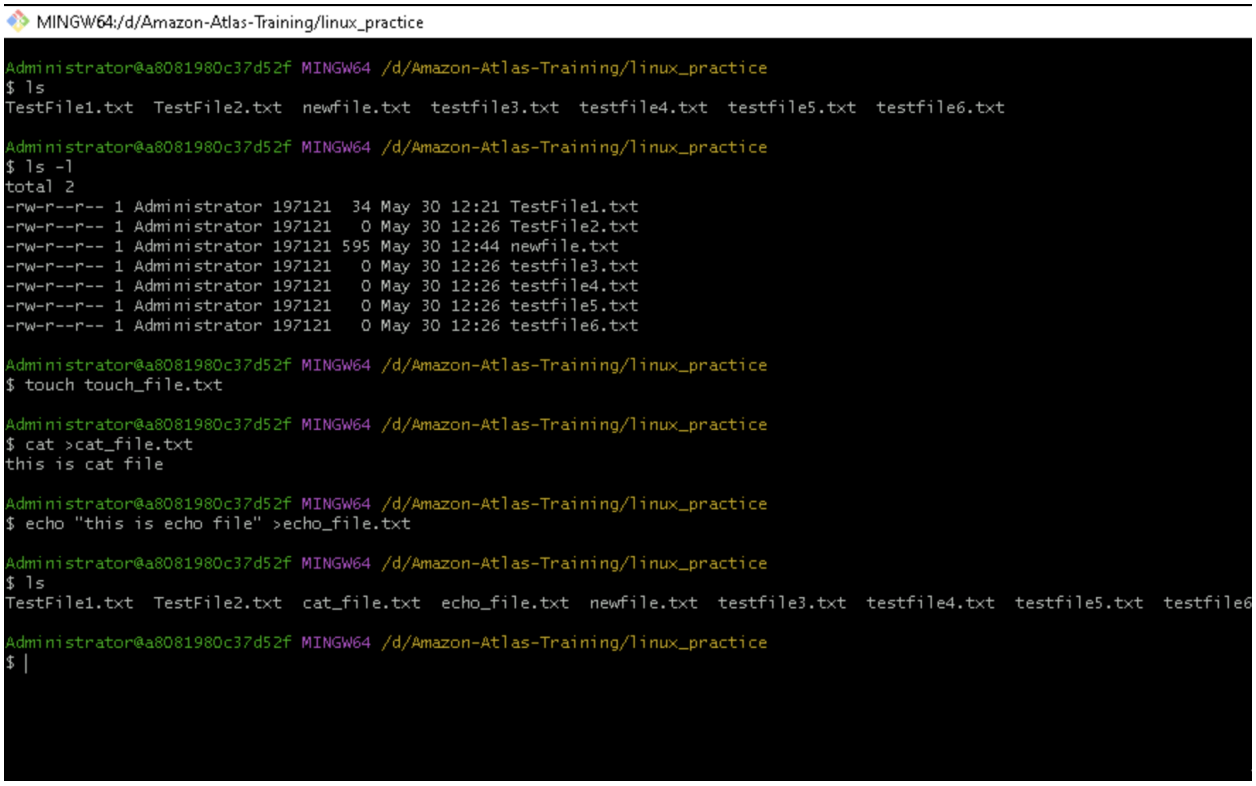
```
$ cd ..

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ mkdir linux_practice_copy

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ cp -a linux_practice linux_practice_copy/

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ cd linux_practice_copy/

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice_co
py
$ ls
linux_practice/

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice_co
py
$ cd ..

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ cd linux_practice

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ cd ..

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ mkdir linu_practice_copy_2

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ mv linux_practice_copy/* linux_practice_copy_2

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ ls
linu_practice_copy_2/  linux_practice_copy/
linux_practice/        linux_practice_copy_2/

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ ls -l
total 8
drwxr-xr-x 1 Administrator 197121 0 May 30 12:31 linu_practice_copy_2/
drwxr-xr-x 1 Administrator 197121 0 May 30 12:26 linux_practice/
drwxr-xr-x 1 Administrator 197121 0 May 30 12:33 linux_practice_copy/
drwxr-xr-x 1 Administrator 197121 0 May 30 12:26 linux_practice_copy_2/

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ rmdir linu_practice_copy_2/

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ ls -l
total 8
drwxr-xr-x 1 Administrator 197121 0 May 30 12:26 linux_practice/
drwxr-xr-x 1 Administrator 197121 0 May 30 12:33 linux_practice_copy/
drwxr-xr-x 1 Administrator 197121 0 May 30 12:26 linux_practice_copy_2/

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ cd linux_practice_copy

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice_co
py
$ ls
```

```
py
$ cd ..

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ cd linux_practice_copy_2/

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice_co
py_2
$ ls
TestFile1.txt  testfile3.txt  testfile5.txt
TestFile2.txt  testfile4.txt  testfile6.txt

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice_co
py_2
$ cd ..

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ rm linux_practice_copy
rm: cannot remove 'linux_practice_copy': Is a directory

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ rm -d linux_practice_copy

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ mkdir linux_practice_copy

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ rmdir linux_practice_copy

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ ls
linux_practice/  linux_practice_copy_2/

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training
$ cd linux_practice

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ ls
TestFile1.txt  testfile3.txt  testfile5.txt
TestFile2.txt  testfile4.txt  testfile6.txt

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ cat newfile.txt
cat: newfile.txt: No such file or directory

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ ls
TestFile1.txt  testfile3.txt  testfile5.txt
TestFile2.txt  testfile4.txt  testfile6.txt

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ cat >newfile.txt
Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem
 Ipsum has been the industry's standard dummy text ever since the 1500s, when an
 unknown printer took a galley of type and scrambled it to make a type specimen
book. It has survived not only five centuries, but also the leap into electronic
 typesetting, remaining essentially unchanged. It was popularised in the 1960s w
ith the release of Letraset sheets containing Lorem Ipsum passages, and more rec
ently with desktop publishing software like Aldus PageMaker including versions o
f Lorem Ipsum

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
```

Task 11,12,13,14

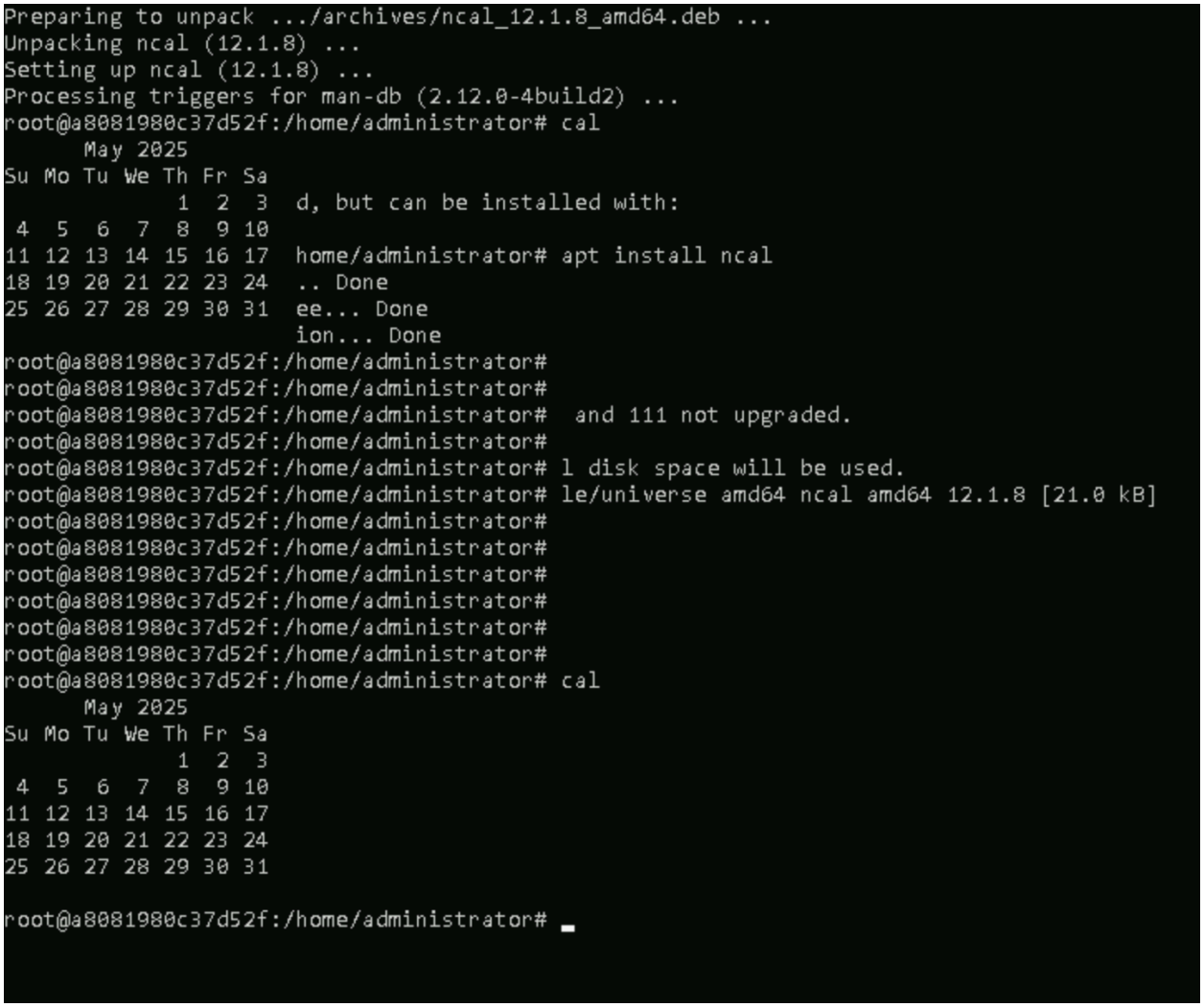
```
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ head newfile.txt
Lorem Ipsum is simply
dummy text of the
printing and typesetting
industry. Lorem Ipsum
has been the industry's
standard dummy text ever
since the 1500s, when an
unknown printer took a
galley of type and scrambled
it to make a type specimen book.

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ head -n 11 newfile.txt
Lorem Ipsum is simply
dummy text of the
printing and typesetting
industry. Lorem Ipsum
has been the industry's
standard dummy text ever
since the 1500s, when an
unknown printer took a
galley of type and scrambled
it to make a type specimen book.
It has survived not

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ tail newfile.txt
but also the leap into
electronic typesetting, remaining
essentially unchanged. It was
popularised in the 1960s with the
release of Letraset sheets containing
Lorem Ipsum passages, and
more recently with desktop publishing
software like Aldus
PageMaker including versions
of Lorem Ipsum

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ tail -n 15 newfile.txt
unknown printer took a
galley of type and scrambled
it to make a type specimen book.
It has survived not
only five centuries,
but also the leap into
electronic typesetting, remaining
essentially unchanged. It was
popularised in the 1960s with the
release of Letraset sheets containing
Lorem Ipsum passages, and
more recently with desktop publishing
software like Aldus
PageMaker including versions
of Lorem Ipsum

Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ less newfile.txt
```

Task 15,16,17,18



touch:
This command primarily creates a new, empty file if one doesn't already exist at the specified path. It can also update the modification timestamp of an existing file.
cat:
The cat command, short for "concatenate," is used to display the contents of one or more files. It can also be used to combine the contents of multiple files into a single file.
echo:
The echo command is a built-in command that displays lines of text or strings. It's commonly used in shell scripts to output status messages or variable values.

Task 19



Task 20 - cd ..

Task 21,22

```
administrator
vaishakh
root@a8081980c37d52f:/home/administrator# su -vaishakh
su: invalid option -- 'v'
Try 'su --help' for more information.
root@a8081980c37d52f:/home/administrator# su - vaishakh
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.6.87.1-microsoft-standard-WSL2 x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro

 System information as of Fri May 30 08:09:42 UTC 2025

  System load:  0.0                 Processes:             36
  Usage of /:   0.2% of 1006.85GB   Users logged in:       1
  Memory usage: 4%                  IPv4 address for eth0: 172.24.188.111
  Swap usage:   0%

 * Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
   just raised the bar for easy, resilient and secure K8s cluster deployment.

   https://ubuntu.com/engage/secure-kubernetes-at-the-edge

This message is shown once a day. To disable it please create the
/home/vaishakh/.hushlogin file.
vaishakh@a8081980c37d52f:~$ whoami
vaishakh
vaishakh@a8081980c37d52f:~$
```

Task 23

```
vaishakh@a8081980c37d52f: ~
vaishakh@a8081980c37d52f:~$ df -h
Filesystem      Size  Used Avail Use% Mounted on
none            3.9G     0  3.9G   0% /usr/lib/modules/6.6.87.1-microsoft-standard-WSL2
none            3.9G  4.0K  3.9G   1% /mnt/wsl
drivers         150G   59G   92G  40% /usr/lib/wsl/drivers
/dev/sdd       1007G  1.9G  954G   1% /
none            3.9G   96K  3.9G   1% /mnt/wslg
none            3.9G     0  3.9G   0% /usr/lib/wsl/lib
rootfs          3.9G  2.7M  3.9G   1% /init
none            3.9G  484K  3.9G   1% /run
none            3.9G     0  3.9G   0% /run/lock
none            3.9G     0  3.9G   0% /run/shm
none            3.9G   76K  3.9G   1% /mnt/wslg/versions.txt
none            3.9G   76K  3.9G   1% /mnt/wslg/doc
C:\             150G   59G   92G  40% /mnt/c
D:\             200G   26G  175G  13% /mnt/d
tmpfs           3.9G   16K  3.9G   1% /run/user/1000
tmpfs           795M   16K  795M   1% /run/user/0
vaishakh@a8081980c37d52f:~$
```

Task 24 -

```
Administrator@a8081980c37d52f MINGW64 /d/Amazon-Atlas-Training/linux_practice
$ ls -l
total 4
-rw-r--r-- 1 Administrator 197121  34 May 30 12:21 TestFile1.txt
-rw-r--r-- 1 Administrator 197121   0 May 30 12:26 TestFile2.txt
-rw-r--r-- 1 Administrator 197121  17 May 30 13:15 cat_file.txt
-rw-r--r-- 1 Administrator 197121  18 May 30 13:17 echo_file.txt
-rw-r--r-- 1 Administrator 197121 595 May 30 12:44 newfile.txt
drwxr-xr-x 1 Administrator 197121   0 May 30 16:38 test/
-rw-r--r-- 1 Administrator 197121   0 May 30 12:26 testfile3.txt
-rw-r--r-- 1 Administrator 197121   0 May 30 12:26 testfile4.txt
-rw-r--r-- 1 Administrator 197121   0 May 30 12:26 testfile5.txt
-rw-r--r-- 1 Administrator 197121   0 May 30 12:26 testfile6.txt
-rw-r--r-- 1 Administrator 197121   0 May 30 13:14 touch_file.txt
```

Task 25,26 - ls *.txt

```
vaishakh@a8081980c37d52f:~$ ls -a
.  ..  .bash_logout  .bashrc  .landscape  .motd_shown  .profile
vaishakh@a8081980c37d52f:~$ mkdir Atlas-training
vaishakh@a8081980c37d52f:~$ cd Atlas-training/
vaishakh@a8081980c37d52f:~/Atlas-training$ touch file1.txt file2.py file3.c file4.txt file5.java
vaishakh@a8081980c37d52f:~/Atlas-training$ ls
file1.txt  file2.py  file3.c  file4.txt  file5.java
vaishakh@a8081980c37d52f:~/Atlas-training$ ls *.txt
file1.txt  file4.txt
vaishakh@a8081980c37d52f:~/Atlas-training$
```

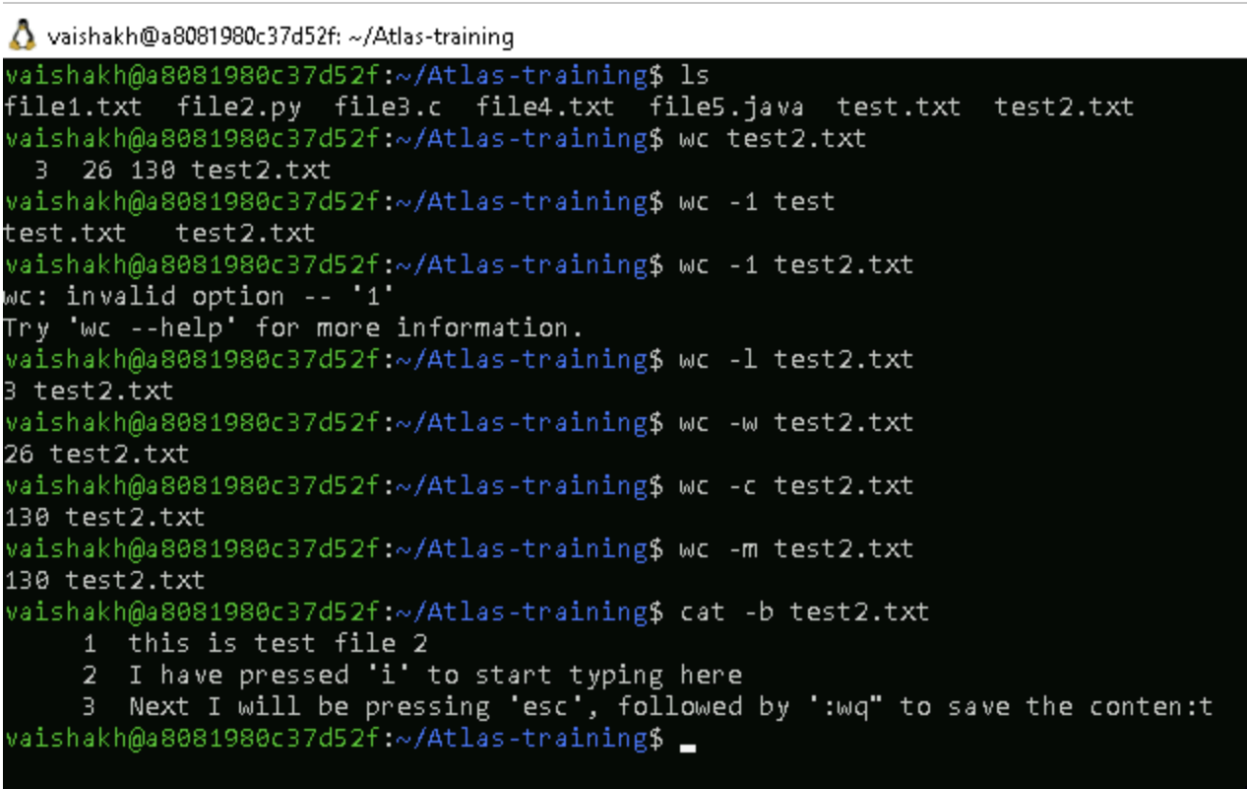
Task 27 - In Linux, the dot (.) represents the current directory, while ".." represents the parent directory

Task 28 -

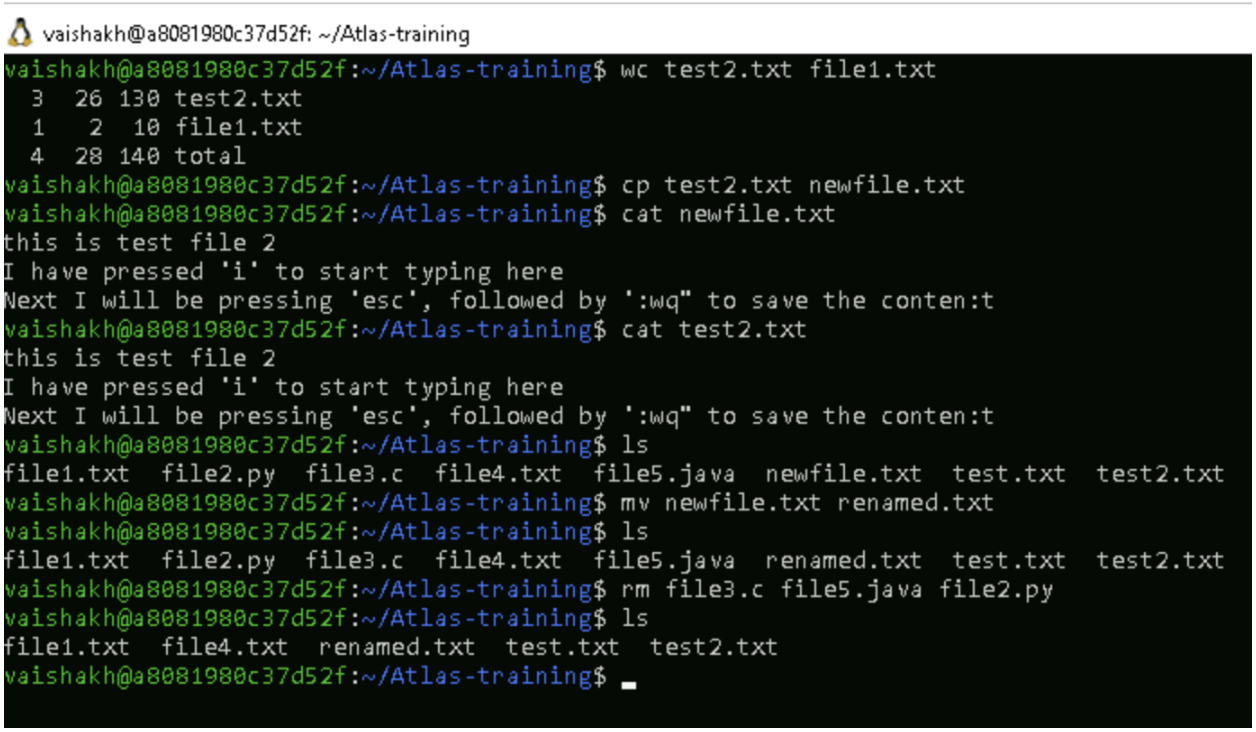
vaishakh@a8081980c37d52f: ~/Atlas-training

```
this is test file 2
I have pressed 'i' to start typing here
Next I will be pressing 'esc', followed by ':wq" to save the content
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
```

Task 29,30 - use of cat -b is it displays the file content along with line no.s



Task 31,32,33,34



Task 35,36 - cd / takes you to the very top of the file system, while cd ~ takes you to your user's personal folder.

Task 37

Task 38


Password:
administrator@a8081980c37d52f:/home/vaishakh$ history
1 ls
2 pwd
3 sudo su
4 whoami
5 date
6 users
7 wsl
8 sudo adduser "vaishakh"
9 users
10 sudo su
11 users
12 history
administrator@a8081980c37d52f:/home/vaishakh$