

Ex No: 1
Date: 23.01.2025

BASIC LINUX COMMANDS

Basic Linux commands and output

```
1. $ date
Thu Jan 20 13:45:03 IST 2025

2. date +f. M
01

3. date +f. b
Jan

4. date +f. d
20

5. date +f. y
25

6. date +f. H
13

7. date +f. M
45

8. date +f. S
03

9. echo "Hello!"
Hello!

10. cal
      January 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
```

```
11. bc
a * b
10

12. who
      root      tty2      2025-02-01 13:25 (tty2)
lax.161      pts/1      2025-02-01 13:29 (172.16.52.161)
lax.192      pts/2      2025-02-01 12:39 (172.16.52.172)

13. who am i
lax.179      pts/5      2025-02-01 12:58 (172.16.52.169)

14. id
uid=1132(lax.179) gid=1132(lax.179) groups=1132(lax.179)
context=unconfined_u:unconfined_r:unconfined_t:s0-s0:c0.c1622

15. tty
/dev/pts/5

16. ps
  PID TTY          TIME CMD
 5337 pts/5      00:00:00 bash
 5178 pts/5      00:00:00 ps

17. uname -n
fedora

18. pwd
/home/lax.179

19. mkdir /usr :
[ls:179@fedora ~]$

20. cd /usr
[ls:179@fedora ~]$

21. ls
usr
```

```
22. cat > /usr/nc1
"Welcome To ABC"
Hello Manu

23. Copy command
cp nc1 nc2

24. Remove file
rm nc2

25. move file
mv nc1 nc2

26. file nc1
nc1: ASCII text

27. wc cs145
 1  11  65  145

28. ls > cs145
display files of cs145

29. who | wc -l
 27

30. who | tee cs145 | wc -l
 27

31. ls c*#
cs145

32. ls p*#
cs145
```

```
33. ls n*# :- ncfile.txt
34. ls p*# :- ncfile.txt
35. ls [a-o]* :- ncfile.txt
36. ls [!a-o]* :- ls: cannot access '[!a-o]*':
37. head /usr/nc1 :-
head ncfile.txt
o/p :- ncfile.txt

38. Tail /usr/nc1 :-
tail ncfile.txt
o/p :- ncfile.txt

39. more /usr/nc1 :-
ls -l | more
o/p :- total 4
-rw-r--r--

40. grep command :-
grep file ncfile.txt
o/p :- ncfile.txt

41. sort command :-
sort ncfile.txt
o/p :- ncfile.txt

42. i) chmod = wx ncfile.txt
ii) chmod +wx ncfile.txt
iii) chmod = wx ncfile.txt
```


Result:

The Unix/Linux commands successfully displayed system information, managed files, and performed navigation tasks, confirming the proper setup and functionality of the environment.