Date commands:

1)i) To display only month: date + y.m.

2)ii) To display month rame: date + 1. h

(ii) To display day of month: date + 1.d

(iv) To adisplay bast 2 digits of year: date + 1/1. y

(v) To display chaves: date + 1. H.

(vi) To edisplay murutes: 1.M.

(Vii) To display seconds: date +1.5

2) The echo command!

Used to print the message on sourcen

echo "My first experiment"

output: My first experiment.

3) Cal command Output cal feb 2025

4) basic calculator bc: bc 2+3 adput: 5

Orl+C to exit

Output: February 2025

-

PROPERTY.

Su Ho Tu We Th Fr Sa 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

- 5) who command: who owput: root tty2 2025-02-01 13:35 tty2

 (Se161 pts/1 2025-02-01 13:39 (172.16.52.161)

 (SE192 pts/2 2025-02-01 13:39 (172.16.52.193)
- 6) who am i command: who am i owput: cse149 pts/11 2025-02-01 13:40 (172:16:52.178)
- id command: id

 uid=1152 (cse149) gid=1152 (cse149) groups=1152 (cse149)

 context=unconfined_u: unconfined_r: unconfined t:so:co.clo23
- 8) thy compand (kletype command): thy output: /dev/pts/11
- 9) char command: clear the output clears the entire socien.
- 10) i) ps command : ps

PID TIY TIME CMD

3331 PHS/11 00:00:00 bash

7453 PHS/11 00:00:00 PS

11) PS -e

PID TTY JEVE CMD

1 ? 60:00:02 Systemd

2 ? 00:00:00 Kilweadd

3 ? 00:00:00 rcu_gp

iii) ps -aux

Y-CPU PID Y. MEM STAT STARTIM RSS TTY USER 13:33 0:02 55 0.0 0.1 174356 18188 roof COMMAND

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- 11) i) Uname command : uname owput: Linux
 - ii) wance -m X86_64
- iii) whome in fedora
- iv) whome -r output: 6.2.15-100. FC36.x86_by
- 1) Whate -V buspel: # 1 SMP PREEMPT DYNAMIC The Hay 11 16:51:53 UR 200
- Linux fedora 62.15-100. FC36.X86-64 # ISMP PREEMPT_DYNAMIX Thu May VII) linamo -a 11 16:51:53 UTC 2023 X86-64 X 86-64 GINU/LITURE
- B) Directory commands:
- 1 b) pwd command: pwd oupul: / home / cse 149
- 213) Mkdin command: Mkdir keerthu output keerthy directory is created.
- 3 17) Indir command: Indir Keenthu directory is somered
- 4 13) Command: (d distraure cd vec
- stor dommand/ 18 display the files wested
 - 1.3 File Shandling
 - Command: Cat > filename \$ (at > her

- 2 command: cp rec cse copies contents of vec cino CSP
- 3. Command: Im \$ M CSE vierance the file
- 4. Command: mV

 \$ mu cse vec

 moves the ifile
 - 5. command: cat rec displays the content
 - 6. Command: file filerance

\$ file sec - determines the type of file.

we file 1

op: 18 Zufile1

7. ls > file 2 directs clist of files to file 2

8. who/we-l op: 28

9. who kee file+/wc -l op: 28

op: filel

11. Ls ans [a-m]*

12. Is [1a-m]*

13. U-d
op rotal G
-r-r-r-1 & cse 149 cse 149 24 feb 1 13:50 file1

14. Chmod - tw x fib!

Op: viestrices viead, write & exerce access to fib!

17. Chard truxfile!

Ujines read, write and execute access to file!

14th yrouping commands:

1. who; date

op:

User Hy2 2025-02-01 13:35 (Hy) CSE149 PB/3 2025-02-01 13:39 (172-16-52-161)

2. Who && date

Op:

viet Hy2 2025-02-01 13:37 (Hy)
cse149 pls/3 2025-92-01 13:39 (Hy)
(72.16.52.16)

3. clatel who op samuday of february 2021 DI:55:30 PM IST

1.5. Giller commands:

1. head file!

op: This is keerthu

2. tail File 1 op: End of document

3. grp "(se" prudent

op: Rancesh Cse

Aswesh (se

4. sort student

Advocash Cse Ramesh (se

Sort -r student 5. Romesh Se

Sweeth/ (se

sort -n soudens

Ramesh cse Suresh Cse

sort - M student

Romesh Csi

Sweets Col

8. Sov - al student Aswarh cse Ramerh cse

9. nl student

1. Rauch Csc

2. Buresh cse

10. au - C 1.3 student



free command

(i) free

Op:
total used free shared buff/cache available
Wen: 16092656 425192 838800 \$6316 729892 1422512
Surp: 2129916 0 2129916

-

-

6

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(ii) free -h

Men: 1.996 414H 819H 54H 712H 1461

Swap: 2.0G1 0B 2.0G1

2. Top

2. Top

2. topPID USER PR NI VIRT RES SHR S 1/CPV 1/Hem Timet Council

1654 Student 20 6 16888 4288 3736 R 0.3 0.2 0:00:02 top F

3. Command: VMStat

Procs --- Nemory --- sucrep -- 10 -- system -- Court of bound free buff cache SI so bi bo in (8 US syldime of 0 0 838636 50360 680144 0 0 95 11 10 24 2 1 980

4. Command: df

Use 1 Housed on filesystem Used Available 1k-blocks 01. Idea 0% /dev/shu 985956 985956 downpfs 0 996940 996940 0 trup Fs 1% / Jun 995136 996940 1204 tmp &s

s. Command: ping 172.16.4.1

PING 172.16.4.1 (172.16.4.1) \$6(84) bytes of data.

64 doyles of com 172.16.4.1:1 cmp seq=1 Hl=64 Hime=0.181 Ms
64 bytes from 17.16.4.1:1 cmp seq=2 Hl=64 Hime=0.160 ms

6 i Econfig

enp350: flags =4163 CUP, BROAD(AST, RUNNING, MULTT (AST > moursoed inex 172.16.9.7 her wask 255.255-252.0 bereadeast 172.16.11.25.

inex 6 fe 80:: 6elf: 8dfp:182b: 34,51 kre fixlen 64 scopied 0 x206 disk;

7. tracevroue www.rajalakshui.org

1 lajalakshui org (14.49.10.232) 6.778ms 0.722ms 0.655 ms

2 rapolakskui org (14.95.10.232) 0.590 ms x x