# **OPERATING SYSTEM - CS23431**

# **EXP 1(B)**

# **BASIC LINUX COMMANDS**

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#### **GENERAL PURPOSE COMMANDS:**

```
1) command : 'dade'
       $date ++m
       OP: 01
       $ date +1.h
      OIP:
      $dale +1.d
      Edate +1.y
      $date +-1.41
     019:
     $date + 1.M
     QP:
    Edate +1.3
     gp:
2) command: echo
   $ echo "Hello"
 3) command: cal
   B cal Jan 2025
      OP: Jonuary 2025

So No To We Th Fit 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 21 28 29 30 31
a) command: bc
   $ 60
   OP: 1+3
```

```
5) command: who
   Steho OP: most tty2 2005-02-01 13:35 (tty2) cseus (15150 2005-02-01 15:39 (t12-16-52-144)
  Pwho an i
  0/P: eseus ptslio 2006-02-01 13:37 (173:16:52-144)
 1) command: id
  uid = 11.46 (csel43) gid = 11.46 (csel43) groups = 11.46 (csel43)
  content . unconfied u confined n. burneyind + : 50 -90:20.01023
8) command: thy
  Idea Ipts110
9) command: clear
   clears the society
10) command : man man
  gives complete access to UNIX commands.
11) command : PS
 PID TTY TIME (MD
3083 PIS/10 00:00:00 bash
  5642 pts/10 00:00:00 ps
```

```
13) command: wrand

Olp: Linux

Junane -m

Olp: x86.69

Junane -n

Olp: fedora

$unane -n

Olp: 6-2-15-100. fe36. x86-64

$unane -s

olp: 2inux

Junane -s

olp: 2inux

Junane -v

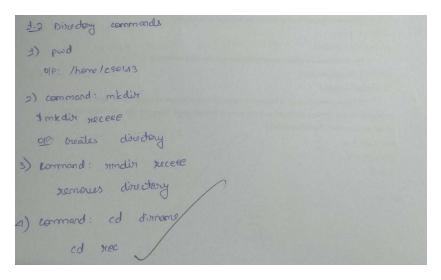
Olp: #1 3MP PREEMPT_DYNAM2 c Thu May 11 16: 51: 63 UTC 2003

$unane -a

Olp: Linual fedora 6-3-16-100 fe36. x86-64 #1 3MP PREEMPT_DYNAM2 c

Thu May 16: 51: 53 UTC 2003 x86-64 x86-64 GNU/Linux
```

## **DIRECTORY COMMANDS:**



#### FILE HANDLING COMMANDS:

```
5) command: 13
  displays the files oreated
 1.3 : File Mandling
 2) command: cat > filoname
   s cat > xec
 2) command: op siec ese
    copies the content of suc into ese
 3) command: 4m
   $ mm cse
    removes the file.
1) command: mv
  smv ese nec
    moves the file
5) command: cat see
   displays the content
6) command : file filename
I file rec -> determine the type of file.
T- we file!
 प्रशः । 1 20 file!
```

```
8. ls > files

9. and we -1

910: 98

10. who I too files I we -1

010: 98

11. Is f*

010: files

12. Is (2-m)*

QP: files

13. Is (1-m)*

QP: total 8

-n-h-7--1 (selds (selds 24Fcb 13:60 files)
```

## **GROUPING COMMANDS:**

```
15 chmod - new filest

Off Restricts travel, write a sneedle occess to filest

16 chmod + new filest

Off Courses tread, write or eneatle acress to filest

Grouping commands:

1. who; date

Off Next they 2025-02-01 13:35 (they)

cselb pts1; 2025-02-01 13:35 (they)

2. who the date

Off:

Two they 2025-02-01 13:35 (they)

cselb pts1; 2025-02-01 13:35 (they)

cselb pts1; 2025-02-01 13:35 (they)

cselb pts1; 2025-02-01 13:37 (172.16.52.161)
```

#### FILTER COMMANDS:

```
s) date 11 who

OP: Secturary of February 2006 01 64 :29 PM 35T

Filler corrods:

1. head filed

OP: this is known

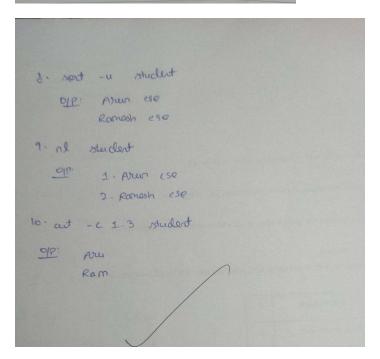
3) tail filed

OP: Good of doc

3) grap "coe" student

OP: Roman coe

Arun coe
```



## **OTHER COMMANDS:**

