Date Commands and O/P

[student @ localhost ~] $

i) i) date

    Thur jan 30 13:40:07 IST 2025

ii) date +%m

    01

iii) date +%h

iv) date +%h

v) date +%y

    25

vi) date +%H

    13

vii) date +%s

    32

viii) date +%s

2) echo "Helloworld"

    Helloworld

3) cal

        January 2025

Sun	Mon	Tue	Wed	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	

④ 6c
16/s
2

⑤ who

Student pts/o 2025-01-30 13:35 (:0)
Student pts/1 2025-01-30 13:40 (:0)

⑥ Who am i
Student pts/1 2025-01-30 13:40 (:0)

⑦ id
uid = 1000(student) gid = 1000(student) snoops = 1000(student)
context = unconfined : unconfined_r : unconfined_t : so-se : co
c1023

⑧ tty
/dev/pts/1

⑨ man who
[screen get cleared]

⑩ man who
name
         who - show the login details of the system
synopin
         who (option) ... [FILE /ARG /AC12) ...

⑪ PID .TTY TIME . CMD
1602 pts/1 00:00:00 Lash
1685 pts/1 00:00:00 p

(12) i) uname

linux

ii) uname -m

1686

iii) uname -n

localhost : local domain .

iv) uname -r

4.11.8 - 300. fe26. 1686 + PAE

v) uname -s

linux

vi) uname - a

linux . localhost : local doman   4: 11.8 - 300. fe26 - 1686

+ PAE

II Directory Command

1) . sot

/home /student

2) mtdir 230701895

(creates a new dictory)

3) rowdir bly (removes directory path int. be-baten)

5) i) l,

reer

ii) ls_l

total 4

-rw -rw-7 --, 1 student student 35 jan 20

14:20 reer

iii) l,-a

rey

File Handling Commands:

1) Cat > ex-2.1 (Create a new file)

   a This is my file containing ex.1.1"
   Basic file handling function

2) cat ex-2.1

   "This is my file containing Ex 2.1"
   Basic file handling function

3) cp [Copy Command]

   cp ex-2.1 sample-ex

4) rm [removes the file]

   rm · sample - ex

5) mv [move the file, deleting the old file]

   mv ex-2.1 sample _ex

6) i) file [used to determine type of file]
   file ex-2.1 sample-ex
       ex-2.1: ASCII text

   ii) file -i scenery.jpg [Display MIME type]

   image-jpg: image/jpeg

   iii) file -b scenery.jpg
        JPEG image data, 640 x 480, 8-bit/color RGB.

7)

wc (counts the number 8 words)

wc   ex-2.1

2   5   32   ex-2.1

⑧ ls > sample [Directing output to a file]

cal sample

rec1 .

rec2

ex-2.1

⑨ who/wc [o/p of one 8 the input 8 other]

2   10   88

⑩ who/be sample/wc [tee stores the content in file]

⑪ Metacharacters

i) ls r*
   rec1   rec2

ii) ls [a-m]*
   ex-2.1

iii) ls r?
   jec1 rec2

iv) ls [!a-m]*
   rec1   rec2   sample

v) ls -l[a-2]* {1,2}.?
   rec1.txt
   rec2.txt.

(17) file permission

ls - r

-rw--r--r-- 1 cse195 32 feb1 13:40 sample

-rw-r--r-- 1 cse195 32 feb1 13:41 rech3

(B) Permission granting

chmod

i) chmod n to see
   (read, write is granted to user)

ii) chmod - u-rw reel
    [read - write is disable to user]

iii) chmod g-w reel
     (write is disabled to group)

iv) chmod g+w rey
    (write is disable)

(v) chmod g+r reel

(vi) chmod a+rw reel
     (read write is granted to all)

(vii) chmod a+n reel
      (execute is granted to all)

Octal notation

i) chmod 553 reet

$5 \cdot (4+1) = 1 \quad r\partial x = $ User

$0 - (4+1) = 1 + rx = $ Group

$5 - (4+1) = 1 + r\partial = $ Other

ii) chmod 111

$1 - (1) = 1 \quad r+x = $ User

$1 - (1) = 1 + x + 1 \; Grup$

$1 - (1) = 1 + x = $ Others

iv) grouping commands:

iy Semicolon:
date + -1 - S: date + -1 - h

to   s7
     Feb

2) date en ls (and)
    Saturday or February 2025   02:04:09 pm IST
       reer reck

3) date 11.b
    Saturday   of February 2025   02:04:20 pm IST

Filin command

1) bead O song - 1

I was broken from a young age

Taking my selling to the masses

writing my poem for the few

That look at me, look at me, schwoh to me,
    feeling me

Singing from heartache, from the main.

2) fail - 3 song - 1

seeing the beauty through the - - -

Pain!

you make me a, you made me a believer,
    believer

3) len - ll more   coe 195 use 155   13oi Feb1 14: 16 year

folol 60

crow - r - - r - - /

4) grass "believe" song - h

You made me a, you made me a believer,
                              believer.

5) . 1) sort song - 1 / (sort the entire lent file)

sort : students ; 3 : divida : Balaji csc

(ii) sort = 1 student   (iv) Sort - n student   v) sort - m
    Ram   cse   Arun Cse   student
    kane   cse   Karthi cse   Arun Cse
    Arun   cse   Ramo cse   Rani cse
                                                                  Ram   cse

6 me student

1) Arun coe

2) Rani coe

3) Ram coe

7) cut

1) cut -d ';' -f 4,5 poem -1

    That look at me,
    singing from heartache

K) cut -c 1-5 song -1

    I was

    takin

    wnte
    that

    suzi

    taem

    speek

    Pain!

    swm

Command	Output

Command	Output
$ free	name	total	used
	7827770	761252
$ top	swap	0	0

PID	USER	RR	NI	VIRT
3121	KK007	200		
30737	KK007	200		
7069	KK007	200		

Command	output
$ vmstat	Procs memory ... r b swap free ... j 0 0 63 --
$ df	Filesystem size used Avail /dev/pts 23cu 1/u 7/2u /dev 3.8u 0 3.8u : : : : : : : ; c c .
$ Ping	Ping [= LRubd flags v Va AD] (evcunt]

Command	output
$ ifconfig	to hit en eap local lsophnd