ASSIGNMENT-1

Topic : Basic Commands in Linux Operating System.

Sl. No.	Problem
1.	Design a date command with options such that the output is Today's date: dd/mm/yyyy
2.	Design a cal command with options to print the calendar of a specific moth of a specific year.
3.	Create a directory structure as given below.
4.	Change directory from white to violate.
5.	Change directory from violate to blue.
6.	Change directory from blue to black.
7.	Change directory from black to cyan.
8.	Create one file under blue and copy it into magenta directory.
9.	Move the file under magenta to black.
10.	Move entire black directory to blue.
11.	Delete the file under blue.
12.	Delete the directory cyan.
13.	Delete the directory red.
14.	Copy entire black directory under green.
15.	Delete the directory black under blue.

Signature of Instructor

Basic Commands In Linux Operating System :-

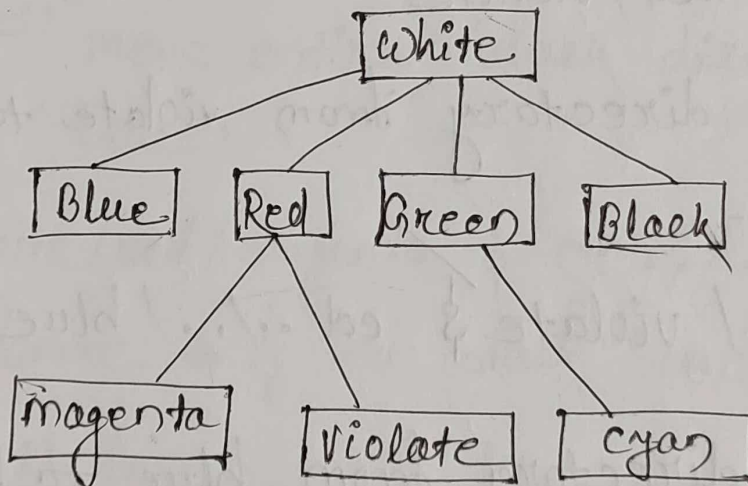No-1 Design a date command with options such that the output is today's date.

~$ date + "Today Date Is: %d /%m /%y"

No-2 Design a cal command with options to print the calender of a specific month of a specific year.

~$ cal month year

~$ cal 9 2023

No-3 Create a directory structure as given below.

~$ mkdir white

~$ cd white

~/white $ mkdir blue

~/white $ mkdir red.

~/white $ mkdir green
~/white $ mkdir black
~/white $ cd red
~/white/red $ mkdir magenta
~/white/red $ mkdir violate
~/white/red $ cd ..
~/white $ cd green
~/white/green $ mkdir cyan.

No-4 change directory from white to
      violate :

~/white $ cd red/violate

No-5 change directory from violate to
      blue :-

~/white/red/violate $ cd ../../blue

No-6 Change directory from blue to black:

~/white/blue $ cd ../black

No-7 change directory from black to cyan:
~/white/black $ cd ../green/cyan

NO: 8 Create one file under blue and copy it into magenta directory :

~/white/green/cyan $ cd ../../blue

~/white/blue $ touch file1.txt

~/white/blue $ cp file1.txt ../white/red/magenta

NO: 9 Move the file under magenta to black :-

~/white/blue $ cd ../red/magenta

~/white/red/magenta $ mv file1.txt . /home/white/black

No: 10 :- Move entire black directory to to blue :

~/white/red/magenta $ cd ../..

~/white $ mv black blue

No: 11 Delete the file under blue :-

~/white $ cd blue

~/white/blue $ rm file1.txt

NO: 12 Delete the directory cyan :-

~/white/blue $ cd ../green

~/white/green $ rmdir cyan .

NO: 13 Delete the directory red :-

~/white/green $ cd ..

~/white $ rm -r red

No: 14 copy entire black directory under green :-

~/white/blue $ cp -r black ../green

No: 15 Delete the directory black cender blue :-

~/white/blue $ rm -r black .

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