

Experiment No.: 4

Aim Familiarisation of linux commands

CO2 Perform system administration task

Procedure

1.\$cut -b1 filename

Output screenshot:

```
sara@sara-virtual-machine:~$ pwd
/home/sara
sara@sara-virtual-machine:~$ touch file1
sara@sara-virtual-machine:~$ cat >file1
colours-green,red,black,blue
numbers-3,24,29,45
^Z
[1]+  Stopped                  cat > file1
sara@sara-virtual-machine:~$ cut -b1 file1
c
n
sara@sara-virtual-machine:~$
```

2.\$cut -c3 filename

Output screenshot:

```
n
sara@sara-virtual-machine:~$ cut -c3 file1
l
n
sara@sara-virtual-machine:~$
```

3.\$cut -d '-' -f1 filename

Output screenshot

```
Try cut --help for more information.  
sara@sara-virtual-machine:~$ cut -d - -f1 file1  
colours  
numbers  
sara@sara-virtual-machine:~$
```

4.\$cut -d - -f2 filename

Output screenshot:

```
sara@sara-virtual-machine:~$ cut -d - -f2 file1  
green,red,black,blue  
3,24,29,45  
sara@sara-virtual-machine:~$
```

5.\$cut -c 1,4,6 filename

Output screenshot:

```
sara@sara-virtual-machine:~$ cut -c 1,4,6 file1  
cor  
nbr  
sara@sara-virtual-machine:~$
```

6.\$cut -d ' ' -f1 filename

Output screenshot

```
sara@sara-virtual-machine:~$ cut -d ' ' -f1 file1  
colours-green,red,black,blue  
numbers-3,24,29,45  
sara@sara-virtual-machine:~$
```

7.\$paste file1 file2

Output screenshot

```

sara@sara-virtual-machine:~$ touch file2
sara@sara-virtual-machine:~$ cat >file2
year-2021,2022,2023,2024
months-jan,feb,march,april
^Z
[2]+  Stopped                  cat > file2
sara@sara-virtual-machine:~$ paste file1 file2
colours-green,red,black,blue   year-2021,2022,2023,2024
numbers-3,24,29,45             months-jan,feb,march,april
sara@sara-virtual-machine:~$

```

8.\$paste file1 file2 >file3

\$cat file3

Output screenshot

```

sara@sara-virtual-machine:~$ paste file1 file2 >file3
sara@sara-virtual-machine:~$ cat file3
colours-green,red,black,blue   year-2021,2022,2023,2024
numbers-3,24,29,45             months-jan,feb,march,april
sara@sara-virtual-machine:~$

```

9.\$paste -d '%' file1 file2

Output screenshot

```

sara@sara-virtual-machine:~$ paste -d '%' file1 file2
colours-green,red,black,blue%year-2021,2022,2023,2024
numbers-3,24,29,45%months-jan,feb,march,april
sara@sara-virtual-machine:~$

```

10.\$paste -d '%' file1 file2> file3

\$cat file3

```

sara@sara-virtual-machine:~$ cat file4
colours-green,red,black,blue%year-2021,2022,2023,2024
numbers-3,24,29,45%months-jan,feb,march,april
sara@sara-virtual-machine:~$

```

11.\$cat file1

\$paste -s file1

Output screenshot

```
sara@sara-virtual-machine:~$ cat file1
colours-green,red,black,blue
numbers-3,24,29,45
sara@sara-virtual-machine:~$ paste -s file1
colours-green,red,black,blue      numbers-3,24,29,45
sara@sara-virtual-machine:~$
```

12.\$cp file1 file2

\$cat file2

Output screenshot

```
sara@sara-virtual-machine:~$ cp file1 file2
sara@sara-virtual-machine:~$ cat file2
colours-green,red,black,blue
numbers-3,24,29,45
sara@sara-virtual-machine:~$
```

13.\$cp file1 fileemp

\$cat fileemp

Output Screenshot

```
sara@sara-virtual-machine:~$ cp file1 filenw
sara@sara-virtual-machine:~$ cat filenw
colours-green,red,black,blue
numbers-3,24,29,45
sara@sara-virtual-machine:~$
```

14.\$cp -r

Output Screenshot

Result

The program was executed and the result was successfully obtained. Thus CO2 was obtained.