

NETWORKING & SYSTEM ADMINISTRATION LAB

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Roll No: 1

Batch: MCA B

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Experiment No.: 4

Aim

Familiarization of basic Linux commands part 2

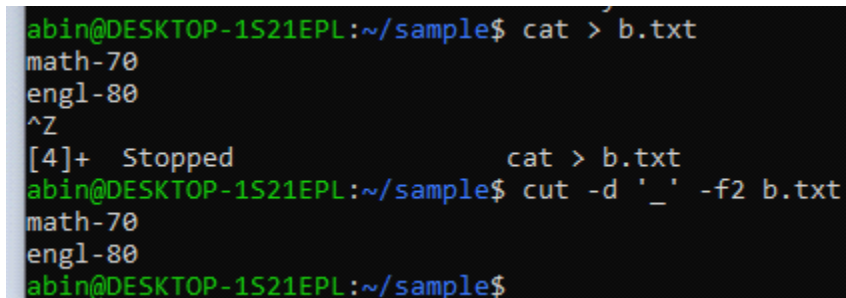
Procedure

1. **cut -d ' ' f2**

This command in Linux allows you to select the second part of the content that is split by ' ' delimiter.

Syntax:- \$ cut -d ' ' f2 filename.txt

Output:-



```
abin@DESKTOP-1S21EPL:~/sample$ cat > b.txt
math-70
eng1-80
^Z
[4]+  Stopped                  cat > b.txt
abin@DESKTOP-1S21EPL:~/sample$ cut -d ' ' -f2 b.txt
math-70
eng1-80
abin@DESKTOP-1S21EPL:~/sample$
```

2. **cut -b 2**

This command in Linux allows to select only these bytes.

Syntax:- \$ cut -b 2 filename

Output:-

```
abin@DESKTOP-1S21EPL:~/sample$ cut -b 2 b.txt
a
n
abin@DESKTOP-1S21EPL:~/sample$
```

3. cut --complement

This command helps to exclude given bytes.

Syntax:- \$ cut --complement -c 1 filename

Output:-

```
abin@DESKTOP-1S21EPL:~/sample$ cut --complement -c 1 b.txt
ath-70
ngl-80
abin@DESKTOP-1S21EPL:~/sample$
```

4. paste

This command helps to paste contents to other file

Syntax:- \$ paste filename > filename2

Output:-

```
abin@DESKTOP-1S21EPL:~/sample$ paste file > a.txt
abin@DESKTOP-1S21EPL:~/sample$ cat a.txt
red
black
green
abin@DESKTOP-1S21EPL:~/sample$
```

5. paste a b > c

This command helps to paste from multiple files.

Syntax:- \$ paste file1 file2 > file3

Output:-

```
abin@DESKTOP-1S21EPL:~/sample$ paste file a.txt > b.txt
abin@DESKTOP-1S21EPL:~/sample$ cat b.txt
red      rose
black    lotus
green
abin@DESKTOP-1S21EPL:~/sample$
```

6. paste -d ' '

This command helps to paste contents with ' ' delimiter.

Syntax:- \$ paste -d ' ' file1 file 2 > file3

Output:-

```
abin@DESKTOP-1S21EPL:~/sample$ paste -d ' ' a.txt b.txt > c.txt
abin@DESKTOP-1S21EPL:~/sample$ cat c.txt
rose red      rose
lotus black    lotus
green
abin@DESKTOP-1S21EPL:~/sample$
```

7. paste -d '-'

This command helps to contents from multiple files with '-' delimiter.

Syntax:- \$ paste -d '-' file1 file2 > file3

Output:-

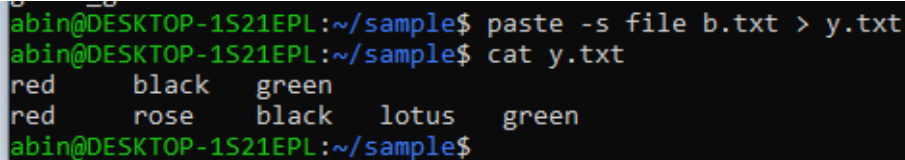
```
abin@DESKTOP-1S21EPL:~/sample$ paste -d '-' file b.txt > x.txt
abin@DESKTOP-1S21EPL:~/sample$ cat x.txt
red_red rose
black_black    lotus
green_green
abin@DESKTOP-1S21EPL:~/sample$
```

8. paste -s

This command helps to paste on file at a time instead of in parallel.

Syntax:- \$ paste -s file1 file2 > file3.

Output:-



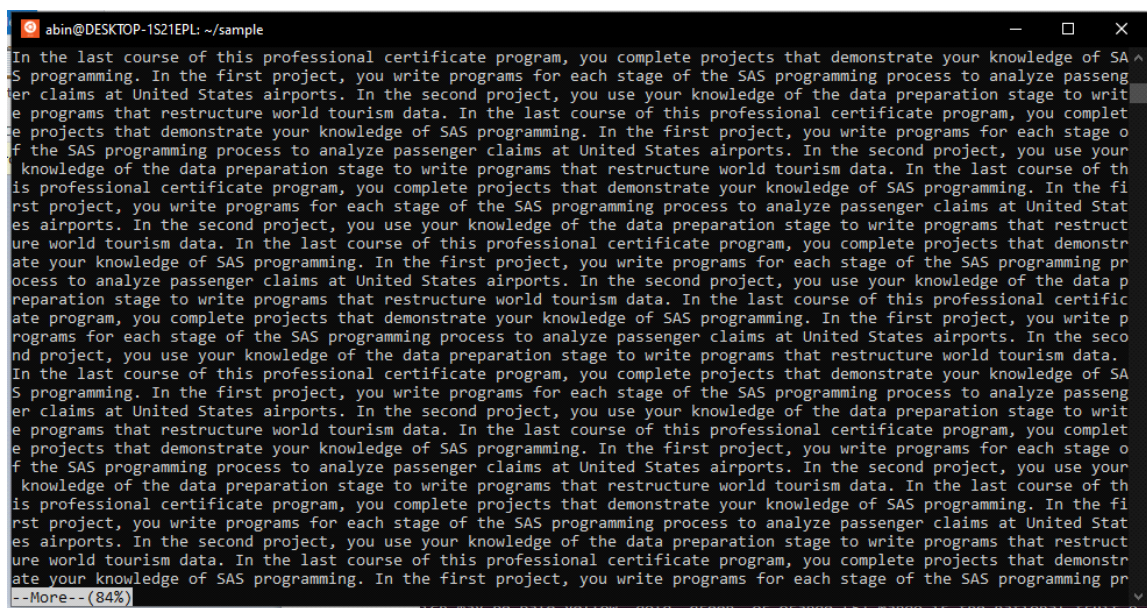
```
abin@DESKTOP-1S21EPL:~/sample$ paste -s file b.txt > y.txt
abin@DESKTOP-1S21EPL:~/sample$ cat y.txt
red      black    green
red      rose     black   lotus   green
abin@DESKTOP-1S21EPL:~/sample$
```

9. more

More command is used to view the text files in the command prompt, displaying one screen at a time in case the file is large.

Syntax:- \$ more filename.

Output:-



```
abin@DESKTOP-1S21EPL: ~/sample
In the last course of this professional certificate program, you complete projects that demonstrate your knowledge of SA
S programming. In the first project, you write programs for each stage of the SAS programming process to analyze passeng
er claims at United States airports. In the second project, you use your knowledge of the data preparation stage to writ
e programs that restructure world tourism data. In the last course of this professional certificate program, you complet
e projects that demonstrate your knowledge of SAS programming. In the first project, you write programs for each stage o
f the SAS programming process to analyze passenger claims at United States airports. In the second project, you use your
knowledge of the data preparation stage to write programs that restructure world tourism data. In the last course of th
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reparation stage to write programs that restructure world tourism data. In the last course of this professional certific
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--More-- (84%)
```

10. more -s

This command is used to squeeze multiple blank lines into one.

Syntax:- \$ more -s filename.

Output:-

[illegible]

11. more –(no.)

This command helps to view content based on specified number of lines.

Syntax:- \$ more -4 filename.

Output:-

```
abin@DESKTOP-1S21EPL:~/sample$ more -4 file1
In the last course of this professional certificate program, you complete projects that demonstrate your knowledge of SAS programming. In the first project, you write programs for each stage of the SAS programming process to analyze passenger claims at United States airports. In the second project, you use your knowledge of the data preparation stage to write programs that restructure world tourism data. In the last course of this professional certificate program, you complete
```