

03/01/2023

LAB-8

DATE / /

PAGE

1. \$ pr file.txt

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file.txt

Page 1

1

2

3

4

5

6

7

8

9

10

:

:

2. \$ pr -3 file.txt

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file.txt

Page 1

1 5 8

2 6 9

3 7 10

4

:

3. \$ pr -n fact.sh

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fact.sh

Page 1

1 #!/bin/bash

2 echo "Enter the number"

3 read num

4 fact=1

5 while [\$num -gt 1]

6 do

```
7 fact = $(( $fact * $num ))
8 num = $(( $num - 1 ))
9 done
10 $ echo $fact
```

4. pr -h "New title" f1.sh
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```
#!/bin/bash
echo "Read 1st number"
read a
echo "Read 2nd number"
read b
C = $(( $a + $b ))
echo $C
```

5. \$pr -d f1.sh

2023-01-03 11:44 f1.sh Page 1

```
#!/bin/bash
echo "Read 1st number"
read a
echo "Read 2nd number"
read b
```


c=\$((a+b))

echo \$c

6. \$head pattern.sh

#!/bin/bash

echo "Enter the number"

read n

for((i=1; i<=\$n; ++i))

do

for((j=\$n; j>=i; j--))

do

echo -n " "

done

for((c=1; c<=\$i; c++))

7. ~~\$head -n 5 pattern.sh~~

#!/bin/bash

echo "Enter the number"

read n

for((i=1; i<=\$n; ++i))

do

8. \$tail -n 5 pattern.sh

do

for((c=\$j; c>=0; c--))

do

echo " "

done

9. `tail -c 5 pattern.sh`
done
10. ~~tail~~ `cut -b 1,2,3 marks`
apo
yas
kee
11. `cut -b 2-5 marks`
poor
aras
cut
12. `cut -c 1-3 marks`
apo
yas
kee
13. `cut -d " " -f 2 file1.txt`
22
55
88
14. `cut -d " " -f 2,3 file1.txt`
22 33
55 66
88 99
15. `paste -d "|" marks file1.txt`

~~ap~~ apoorva - 96 | apoorva 22 33 44
 yaravini - 97 | yaravini 55 66 77
 keerthana - 94 | keerthana 88 99 00

16. paste -s -d "||\n" file2
 a|b|c
 d|e|f
 g|h|i

17. sort file1.txt
 apoorva 22 33 44
 keerthana 88 99 00
 yaravini 55 66 77

18. sort -t " " file1.txt
 apoorva 22 33 44
 keerthana 88 99 00
 yaravini 55 66 77

19. ~~sort~~ -k 2 file1.txt
 apoorva 22 33 44
 yaravini 55 66 77
 keerthana 88 99 00

20. uniq -d file3.txt
 Hi
 Hello

21. uniq -u ~~file~~ file3.txt
 bms

22. uniq -c file3.txt
 3 Hi
 1 bms
 2 Hello

BMS college of Engineering

23. tr C C

BMS College of Engineering

24. tr 'a-z' 'A-Z'

BMS COLLEGE OF ENGINEERING

25. ls -il fact.sh

131753 -rwxrwxr-x 1 lmscece lmscece
130 Nov 29 17:02 fact.sh

26. ln fact.sh fact.doc

ls -il fact.sh

131753 -rwxrwxr-x (2) lmscece lmscece
130 Nov 29 17:02 fact.sh

27. ln -s file2 file2.doc

ls -il file2

135319 -rw-rw-r-- 1 lmscece lmscece 18

Jan 3 12:12 file2

ls -il file2.doc

134498 ~~ls~~ lrwxrwxrwx 1 lmscece lmscece 5

Jan 3 12:32 file2.doc → file2

28. chmod -r dir1

ls -ld dir1

cannot access 'dir1'

29. `chmod 555 dir1`
`dr-xr-xr-x 1 lince lince 1802 Dec 22`
`72:10 dir1`
30. `chmod 666 dir1`
`cd dir1`
~~ps~~ `Bash: cd: dir1: permission denied`
31. `$umask`
`0022`
32. `ls -lt`
 In order of modification time
33. `ls -lut`
 In order of access time
34. `-rwxrwxr-x 2 lince lince 130 Nov 29`
`17:02 fact.sh`
`touch -a fact.sh`
`touch -m fact.sh`
- `-rwxrwxr-x 2 lince lince 130 Jan 03`
`11:44 fact.sh`
35. `touch -t 23081506 fact.sh`
`-rwxrwxr-x 2 lince lince 130 Aug Jan 15`
`06:00 fact.sh`

36. find . -name "*.sh" -print
• /root/fact.sh
• /root/prime.sh

37. find . -type d -print
• /IBM20CS067/dir1

38. find . -perm 644 -print
• /IBM20CS067/dir1

39.

Done
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