

## LAB-8

1) Command: pr file3.sh  
Output: 2023-01-03 11:38 file3.sh Page 1  
echo "This is Keerthana"

2) Command: pr -3 arg.sh  
Output: 2022-12-27 11:38 arg.sh Page 1  
#!/bin/sh  
echo "Filename: \$0"  
echo "First argument: \$1"  
echo "Second arg:"  
echo "Number of arg" echo "3"

3) Command: pr -n arg.sh  
Output: 2022-12-27 11:38 arg.sh Page 1  
1 #!/bin/sh  
2 echo "File name: \$0"  
3 echo "First argument: \$1"  
4 echo "Second argument: \$2"  
5 echo "Number of arguments: \$#"  
6 echo "List of arguments: \$@"

4) Command: pr -h "HIII" arg.sh  
Output: 2022-12-27 11:38 HIII Page 1  
#!/bin/sh  
echo "Filename: \$0"  
echo "First argument: \$1"  
echo "Second argument: \$2"  
echo "Number of arguments: \$#"  
echo "List of arguments: \$@"

5) Command: pr -d file3.sh  
Output: 2023-01-03 11:45 file3.sh Page 1

#!/bin/sh

echo "Hi, This is Keerthana"

echo "Computer science and engineering"

echo "Bye"

6) Command: head file3.sh

Output: #!/bin/sh

echo "Hi, This is Keerthana"

echo "Computer Science and Engineering"

echo "Bye"

7) Command: head -n 2 file3.sh

Output: #!/bin/sh

echo "Hi, This is Keerthana"

8) Command: tail -n 2 file3.sh

Output: echo "Computer Science and Engineering"

echo "Bye"

9) Command: tail -c 5 file3.sh

Output: Bye"

10) Command: tail -f file3.sh

#!/bin/sh

echo "Hi, This is Keerthana"

echo "Computer Science and Engineering"

echo "Bye"

Ctrl+C

11) Command: cut -b 1,2,3 marks

Output: sim  
kee  
sus

cat > marks

simon -9

keer -90

susi -78

Ctrl+C

12) Command: cut -b 1-2,4-5 marks

Output: sim  
kee-  
susi-

13) Command: cut -c 6-8 marks

Output: -(9

90

78

14) Command: cut -d " " -f 1 file3.sh

#!/bin/sh

echo

echo

echo

15) cat > number

1  
2  
3

1) cat > c

cat > state

Karnataka

Kerala

Tamilnadu

Ctrl+c

Command: paste number state

Output: 1 Karnataka

2 Kerala

3 Tamilnadu

Q1 16) Command: paste -d "1" number state

Output: 1|Karnataka

2|Kerala

3|Tamilnadu

17) Command: paste -s -d "1\n" state

Output: Karnataka|Kerala|Tamilnadu

Q1 18) Command: sort state

Output: Karnataka

Kerala

Tamilnadu

19) cat > list

Keerthi

Paddy

Nisha

Keerthi

Paddy

Command: uniq -d list

Output: Keerthi

Paddy

20) Command: uniq -u list

Nisha

21) Command: uniq -c list

2 Keerthi

2 Paddy

1 Nisha

- 22) Command: `tr h H`  
 Output: hi, hello  
 Hi Hello  
 ctat+c
- 23) Command: `tr 'a-z' 'A-Z' < state`  
 Output: KARNATAKA  
 KERALA  
 TAMILNADU
- 24) Command: `tr -d f < state`  
 Output: arnataa  
 ehala  
 Tamilnadu
- 25) Command: `ls -il state`  
 Output: 1838599 -rw-rw-r-- 1 bmsceecse 27  
 Jan 3 12:13 state
- 26) Command: `ln state file3.sh`  
 13176 -rwxr-xr-x 2 bmsceecse  
 bmsceecse 55 Dec 6 12:22 file3.sh
- 27) Command: `ln -s note note.sym`  
`ls -il note note.sym`  
 Output: 10281 -rw-r--r-- 1 kayar kayar  
 27 Nov 29 12:31 note  
 10282 lrwxrwxrwx 1 kayar kayar  
 4 Nov 29 12:31 note.sym -> note
- 28) Command: `ls -ld file3.sh`  
 Output: -rw-rw-r-- 1 bmsceecse bmsceecse  
 90 Jan 3 11:59 file3.sh
- 29) Command: `chmod -x file3.sh`  
`ls -ld file3.sh`  
 Output: --w--w--- 1 bmsceecse bmsceecse  
 90 Jan 3 11:59 file3.sh
- 30) Command: `chmod -x dir1`  
`ls -ld dir1`  
 Output: cannot access 'dir1'



31) Command: `chmod 555 dir2`  
Output: `dr-xr-xr-x 2 bmscecece bmscecece`  
1904 Dec 12:14 dir2

32) Command: `chmod 666 dir2`  
Output: `cd dir2`  
Bash: `cd: dir2: permission denied`

33) Command: `$umask`  
Output: `0022`

34) Command: `ls -lt`  
Output: file, <sup>attributes in</sup> order of modification

35) Command: `ls -lut`  
Output: Order of filesystem access time

36) Command: `touch -a fact.sh`  
Output: `-rw-rw-rw- 2 bmscecece bmscecece`  
130 Nov 17:02 fact.sh

~~file~~  
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