OSP LAB

Devanarayanan V

```
ubuntu@ubuntu:~/Desktop$ cat > file.txt
hi
hello
this is a test file
welcome to linux
ubuntu
ubuntu@ubuntu:~/Desktop$ cat file.txt
hi
hello
this is a test file
welcome to linux
ubuntu
ubuntu@ubuntu:~/Desktop$ head -n3 file.txt
hi
hello
this is a test file
ubuntu@ubuntu:~/Desktop$ tail -n2 file.txt
welcome to linux
ubuntu
ubuntu@ubuntu:~/Desktop$
```

```
welcome to linux
ubuntu
ubuntu@ubuntu:~/Desktop$ head -n3 file.txt
hi
hello
this is a test file
ubuntu@ubuntu:~/Desktop$ tail -n2 file.txt
welcome to linux
ubuntu
ubuntu@ubuntu:~/Desktop$ grep -b "n" file.txt
29:welcome to linux
46:ubuntu
ubuntu@ubuntu:~/Desktop$ grep -c "n" file.txt
2
ubuntu@ubuntu:~/Desktop$ grep -e "el" file.txt
hello
welcome to linux
ubuntu@ubuntu:~/Desktop$ grep "hi" file.txt
hi
this is a test file
ubuntu@ubuntu:~/Desktop$
```

file.txt

Install Ubuntu 22.

```
hello
welcome to linux
ubuntu@ubuntu:~/Desktop$ grep "hi" file.txt
hi
this is a test file
ubuntu@ubuntu:~/Desktop$ cat > file1.txt
hi
hello
welcome to linux
This is atest
thank you
ubuntu@ubuntu:~/Desktop$ expr 5 + 6
11
ubuntu@ubuntu:~/Desktop$ expr 5 - 6
-1
ubuntu@ubuntu:~/Desktop$ a=10
ubuntu@ubuntu:~/Desktop$ b=2
ubuntu@ubuntu:~/Desktop$ echo "sum '$expr $a - $b'"
sum ' 10 - 2'
ubuntu@ubuntu:~/Desktop$ cat file1.txt > file2.txt
ubuntu@ubuntu:~/Desktop$
```

file2.txt
~/Desktop

```
hi
hello
welcome to linux
This is atest
thank you
```

Terminal window:

```
hi
this is a test file
ubuntu@ubuntu:~/Desktop$ cat > file1.txt
hi
hello
welcome to linux
This is atest
thank you
ubuntu@ubuntu:~/Desktop$ expr 5 + 6
11
ubuntu@ubuntu:~/Desktop$ expr 5 - 6
-1
ubuntu@ubuntu:~/Desktop$ a=10
ubuntu@ubuntu:~/Desktop$ b=2
ubuntu@ubuntu:~/Desktop$ echo "sum '$expr $a - $b'"
sum ' 10 - 2'
ubuntu@ubuntu:~/Desktop$ cat file1.txt > file2.txt
ubuntu@ubuntu:~/Desktop$ cat >> file1.txt
this is conclusion
ubuntu@ubuntu:~/Desktop$ cat file1.txt >> file2.tx
ubuntu@ubuntu:~/Desktop$ []
```

Desktop icons: file2.txt, file1.txt, file.txt, Install Ubuntu 22.1, file2.tx, Home

file2.txt editor (~/Desktop):

```
hi
hello
welcome to linux
This is atest
thank you
hi
hello
welcome to linux
This is atest
thank you
this is conclusion
```
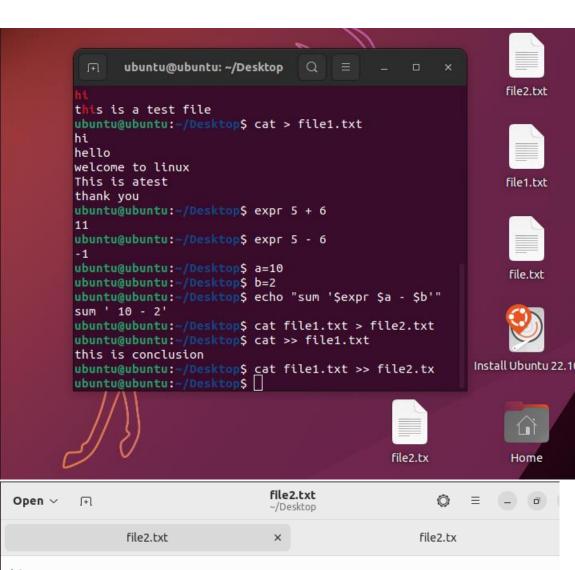
```
11
ubuntu@ubuntu:~/Desktop$ expr 5 - 6
-1
ubuntu@ubuntu:~/Desktop$ a=10
ubuntu@ubuntu:~/Desktop$ b=2
ubuntu@ubuntu:~/Desktop$ echo "sum '$expr $a - $b'"
sum ' 10 - 2'
ubuntu@ubuntu:~/Desktop$ cat file1.txt > file2.txt
ubuntu@ubuntu:~/Desktop$ cat >> file1.txt
this is conclusion
ubuntu@ubuntu:~/Desktop$ cat file1.txt >> file2.tx
ubuntu@ubuntu:~/Desktop$ cat file1.txt >> file2.txt
ubuntu@ubuntu:~/Desktop$ ls
file1.txt  file2.txt  file.txt  ubiquity.desktop
ubuntu@ubuntu:~/Desktop$ ls | wc -l
4
ubuntu@ubuntu:~/Desktop$ whoonworks :0
whoonworks: command not found
ubuntu@ubuntu:~/Desktop$ who | wc -l
1
ubuntu@ubuntu:~/Desktop$
```