root@ubuntu:~/Desktop# grep emerald test_file1

root@ubuntu:~/Desktop# grep Emerald test_file1

Emerald starling

Emerald tanager

Emerald toucanet

Emerald-bellied puffleg

Emerald-chinned hummingbird

Emerald-spotted wood dove

root@ubuntu:~/Desktop# grep Emerald test_file1 test_file2.txt

test_file1:Emerald starling

test_file1:Emerald tanager

test_file1:Emerald toucanet

test_file1:Emerald-bellied puffleg

test_file1:Emerald-chinned hummingbird

test_file1:Emerald-spotted wood dove

root@ubuntu:~/Desktop#

root@ubuntu:~/Desktop# grep "Echo" test_file1 test_file2.txt

test_file2.txt:Echo parakeet

/////Quotes are needed for multiple word sperated by space/////////

root@ubuntu:~/Desktop# grep "Eastern screech owl" test_file1 test_file2.txt

test_file2.txt:Eastern screech owl

root@ubuntu:~/Desktop#

/////////Grep Options////////////////////////

-i case ignore

root@ubuntu:~/Desktop# grep "emerald" test_file1 test_file2.txt

root@ubuntu:~/Desktop# grep -i "emerald" test_file1 test_file2.txt

test_file1:Emerald starling

test_file1:Emerald tanager

test_file1:Emerald toucanet

test_file1:Emerald-bellied puffleg

test_file1:Emerald-chinned hummingbird

test_file1:Emerald-spotted wood dove

root@ubuntu:~/Desktop#


-v select complement

root@ubuntu:~/Desktop# grep -v "Echo" test_file1 test_file2.txt test_file1:

test_file1:Elegant honeyeater

test_file1:Elegant imperial pigeon

test_file1:Elegant parrot

test_file1:Elegant pitta

test_file1:Elegant quail

test_file1:Elegant sunbird

test_file1:Elegant tern

test_file1:Elegant tit

test_file1:Elegant trogon

test_file1:Elegant woodcreeper

test_file1:Eleonora's falcon


-n line number

root@ubuntu:~/Desktop# grep -n "Eastern screech owl" test_file1 test_file2.txt
test_file2.txt:42:Eastern screech owl

root@ubuntu:~/Desktop#


-c display the number of cases where Eastern apeared

```
root@ubuntu:~/Desktop# grep -c "Eastern" test_file1 test_file2.txt
test_file1:0
test_file2.txt:53
root@ubuntu:~/Desktop#


root@ubuntu:~/Desktop# grep -c Eastern test_file*
test_file1:0
test_file2.txt:53
root@ubuntu:~/Desktop#
```

-l gives the filename only with this pattern

```
root@ubuntu:~/Desktop# grep -l Eastern test_file*
test_file2.txt
root@ubuntu:~/Desktop#



root@ubuntu:~/Desktop# grep -f pattern1.txt test_file*
test_file1:Elegant sunbird
test_file1:Eleonora's falcon
test_file1:Elfin woods warbler
test_file1:Emei leaf warbler
test_file1:Emperor bird-of-paradise
test_file1:Emperor fairywren
test_file1:Emperor goose
test_file1:Emperor penguin
test_file1:Eurasian reed warbler
test_file2.txt:Eastern Bonelli's warbler
test_file2.txt:Eastern crowned warbler
test_file2.txt:Eastern double-collared sunbird
test_file2.txt:Eastern miombo sunbird
test_file2.txt:Eastern olivaceous warbler
```

```
test_file2.txt:Eastern Orphean warbler

test_file2.txt:Eastern subalpine warbler

test_file2.txt:Eastern violet-backed sunbird

test_file2.txt:Eastern yellow robin

test_file2.txt:Eastern yellow wagtail

test_file2.txt:Eastern yellow-billed hornbill

test_file2.txt:Eastern yellow-spotted barbet

root@ubuntu:~/Desktop#


root@ubuntu:~/Desktop# grep -e sunbird -e yellow test_file*

test_file1:Elegant sunbird

test_file2.txt:Eastern double-collared sunbird

test_file2.txt:Eastern miombo sunbird

test_file2.txt:Eastern violet-backed sunbird

test_file2.txt:Eastern yellow robin

test_file2.txt:Eastern yellow wagtail

test_file2.txt:Eastern yellow-billed hornbill

test_file2.txt:Eastern yellow-spotted barbet

root@ubuntu:~/Desktop#
```