Chandan Pati | linux assignment 2 | Roll no :**243509**

Q.1 Create group and user as given below

Red

- apple
- banana
- cat
- dog
- elephant

Soln:

Blue

- fish
- gun
- horse
- icecream

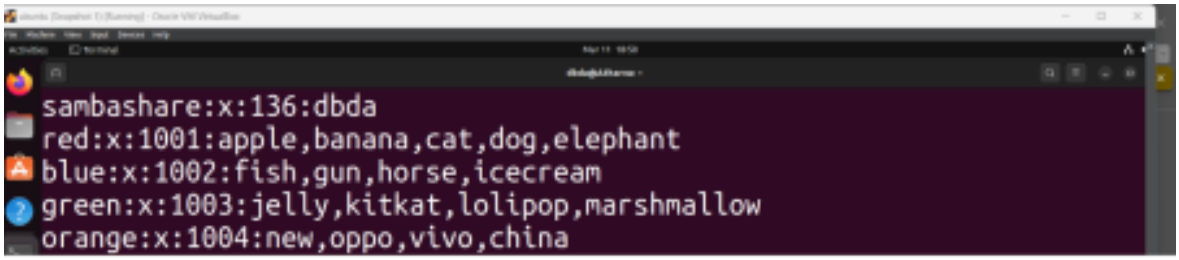
green

- jelly
- kitkat
- lolipop
- marshmallow

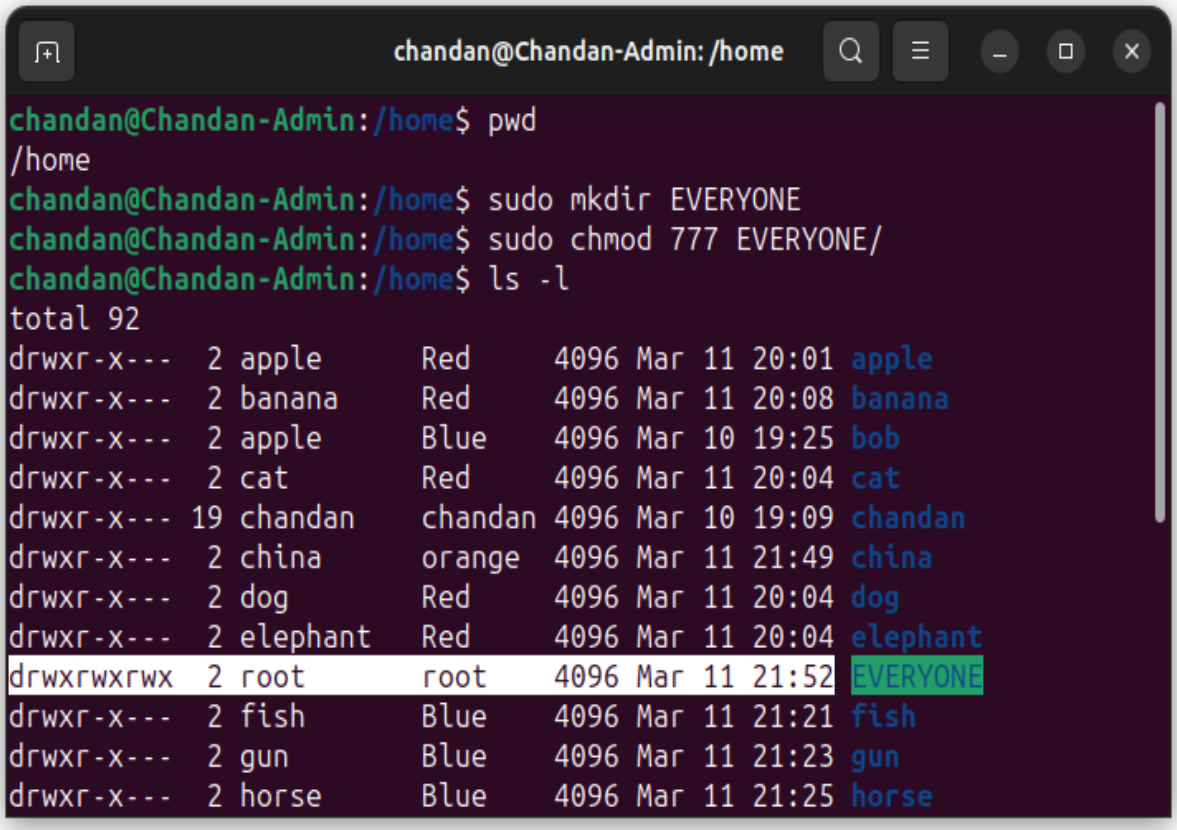
orange

- new
- oppo
- vivo
- china

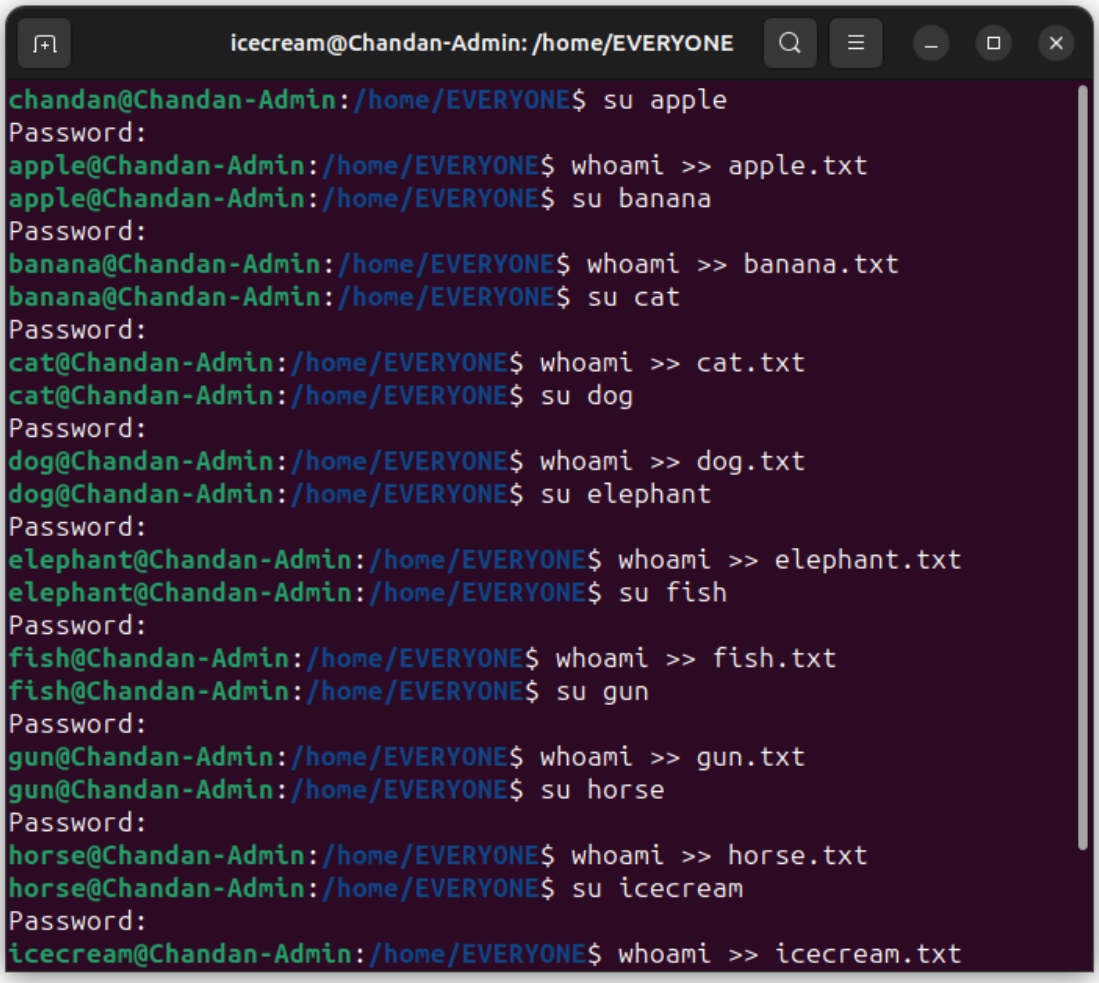
users created

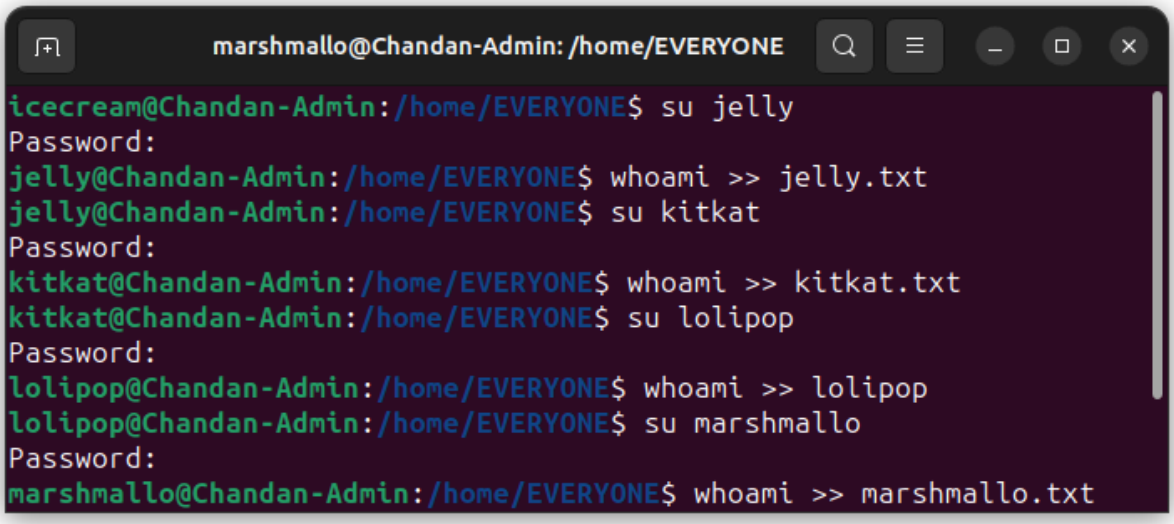


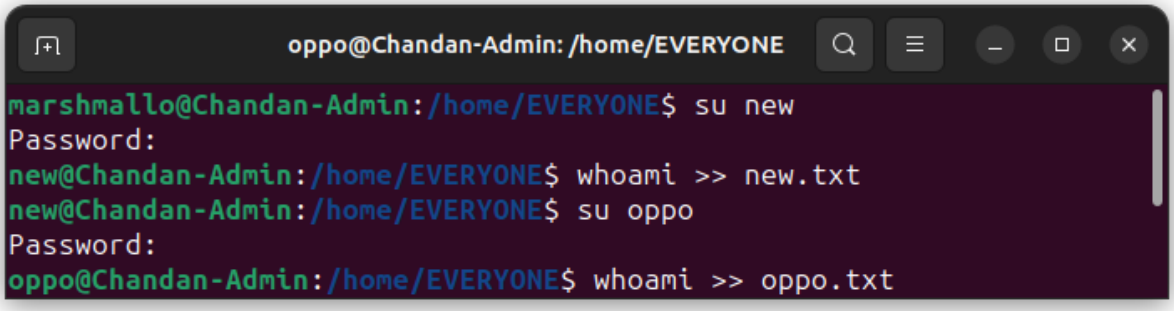
a. create directory named EVERYONE in /home. Give all permission to EVERYONE

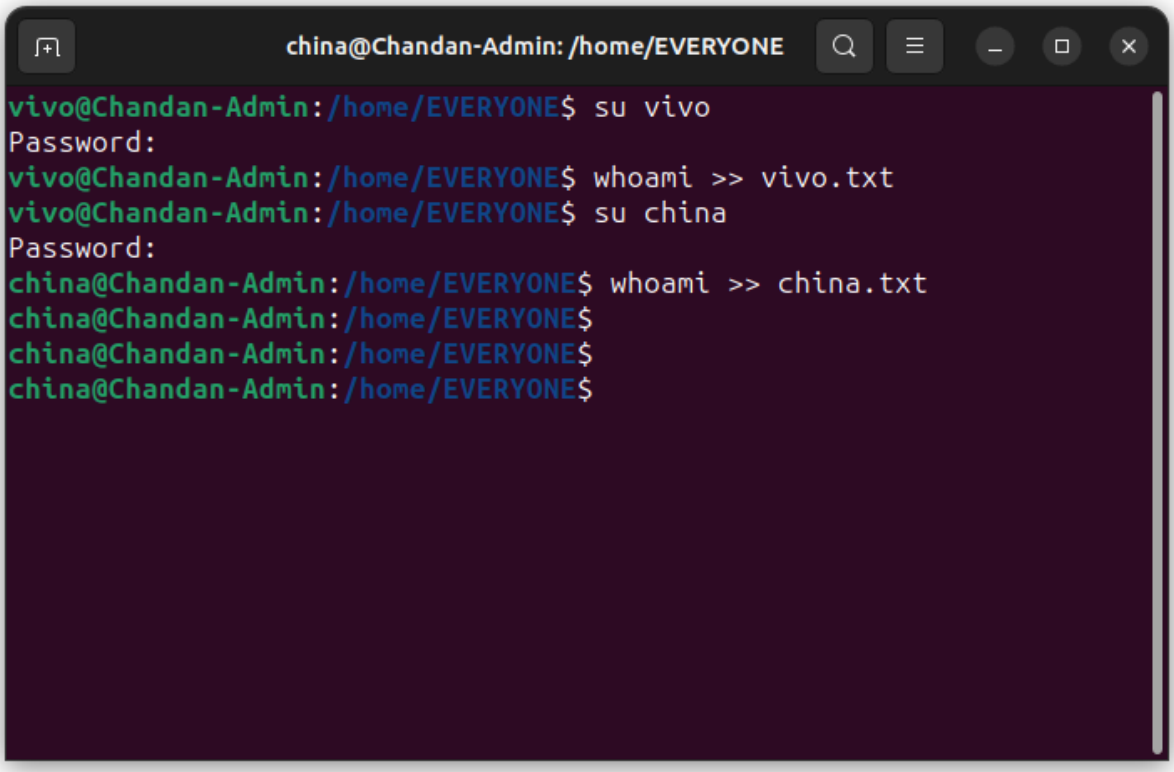


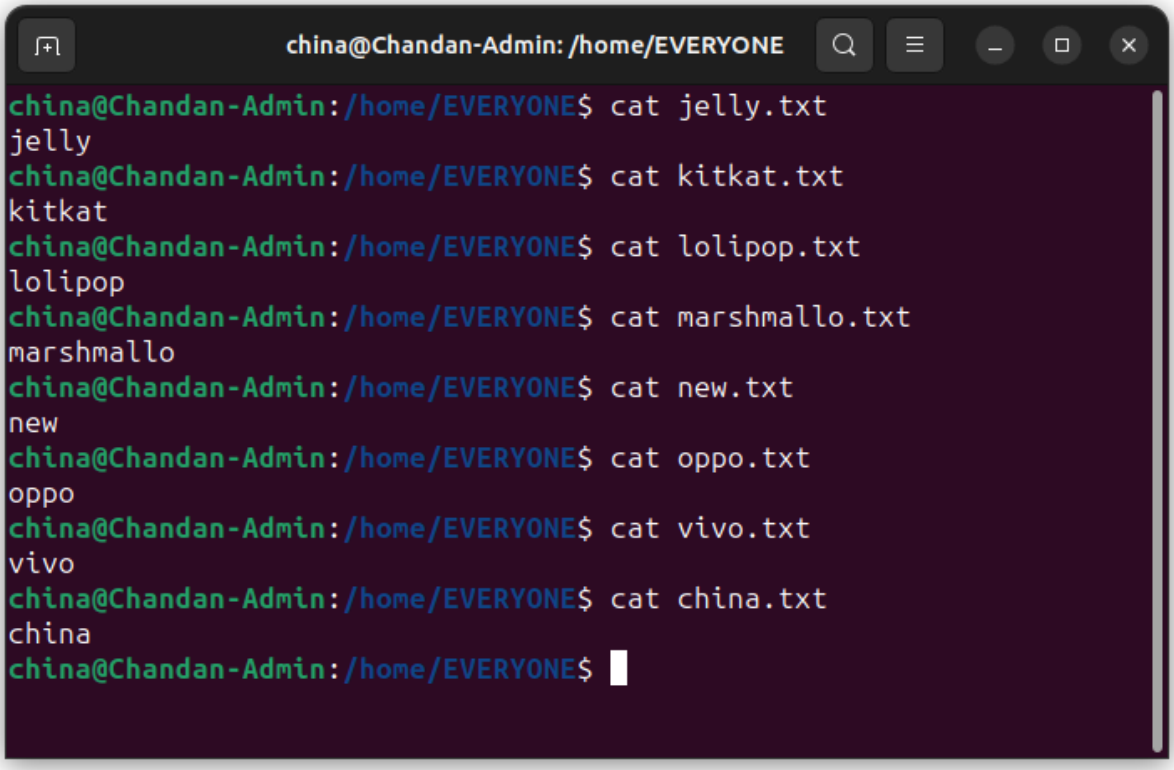
b. Create a file with every user (whoami >> username.txt)

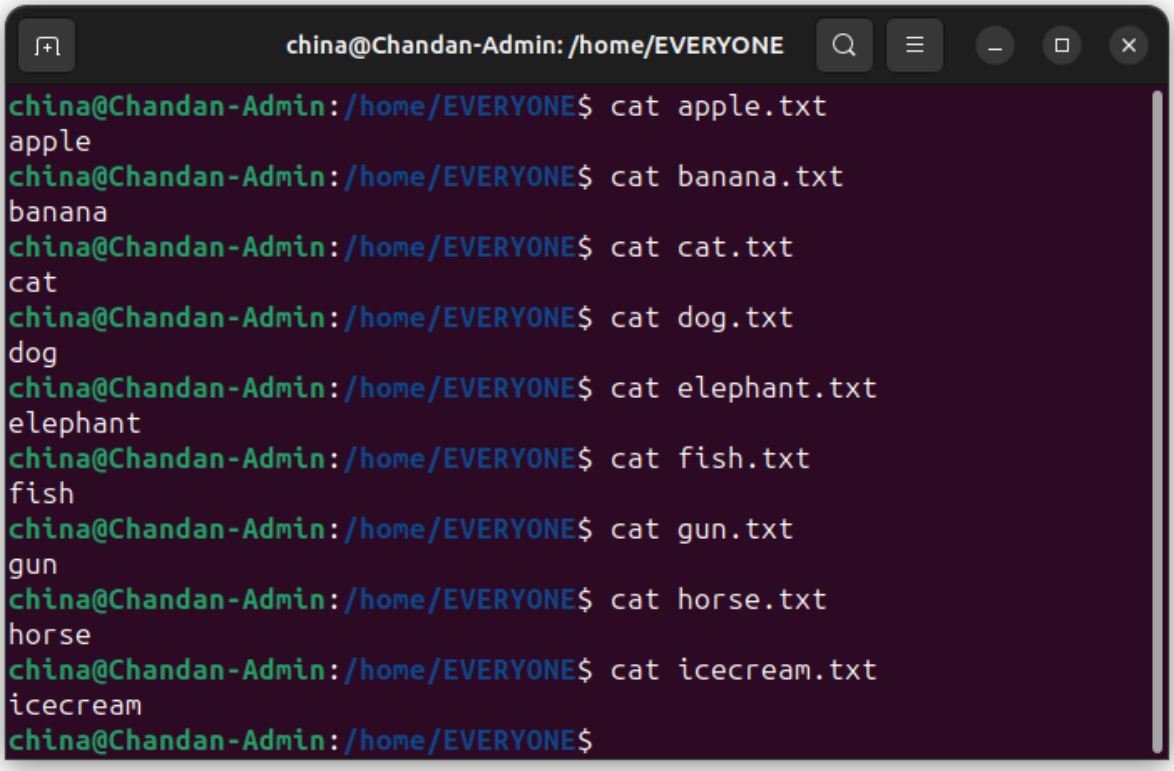




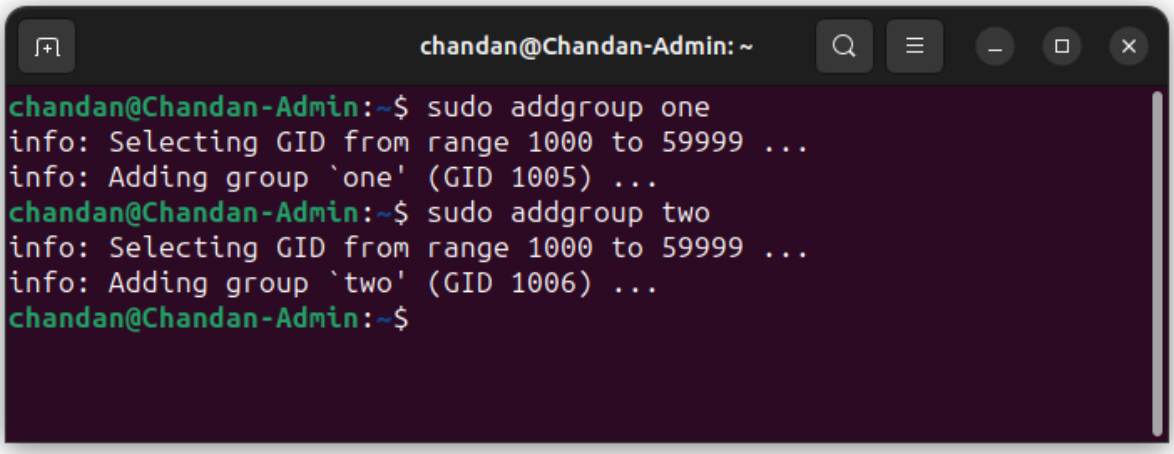

oppo@Chandan-Admin: /home/EVERYONE
marshmallo@Chandan-Admin:/home/EVERYONE$ su new
Password:
new@Chandan-Admin:/home/EVERYONE$ whoami >> new.txt
new@Chandan-Admin:/home/EVERYONE$ su oppo
Password:
oppo@Chandan-Admin:/home/EVERYONE$ whoami >> oppo.txt

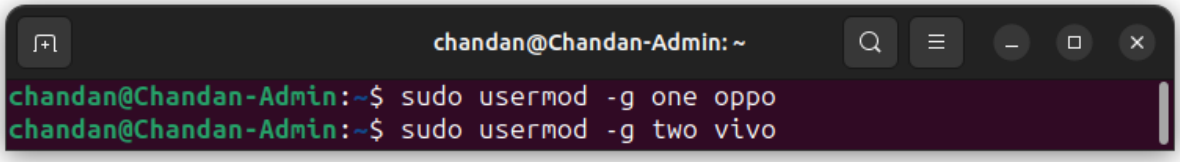

china@Chandan-Admin: /home/EVERYONE
vivo@Chandan-Admin:/home/EVERYONE$ su vivo
Password:
vivo@Chandan-Admin:/home/EVERYONE$ whoami >> vivo.txt
vivo@Chandan-Admin:/home/EVERYONE$ su china
Password:
china@Chandan-Admin:/home/EVERYONE$ whoami >> china.txt
china@Chandan-Admin:/home/EVERYONE$
china@Chandan-Admin:/home/EVERYONE$
china@Chandan-Admin:/home/EVERYONE$

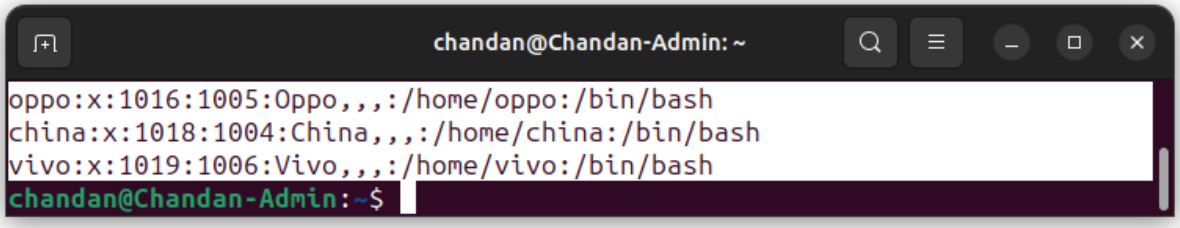

china@Chandan-Admin: /home/EVERYONE
china@Chandan-Admin:/home/EVERYONE$ cat jelly.txt
jelly
china@Chandan-Admin:/home/EVERYONE$ cat kitkat.txt
kitkat
china@Chandan-Admin:/home/EVERYONE$ cat lolipop.txt
lolipop
china@Chandan-Admin:/home/EVERYONE$ cat marshmallo.txt
marshmallo
china@Chandan-Admin:/home/EVERYONE$ cat new.txt
new
china@Chandan-Admin:/home/EVERYONE$ cat oppo.txt
oppo
china@Chandan-Admin:/home/EVERYONE$ cat vivo.txt
vivo
china@Chandan-Admin:/home/EVERYONE$ cat china.txt
china
china@Chandan-Admin:/home/EVERYONE$


china@Chandan-Admin: /home/EVERYONE
china@Chandan-Admin:/home/EVERYONE$ cat apple.txt
apple
china@Chandan-Admin:/home/EVERYONE$ cat banana.txt
banana
china@Chandan-Admin:/home/EVERYONE$ cat cat.txt
cat
china@Chandan-Admin:/home/EVERYONE$ cat dog.txt
dog
china@Chandan-Admin:/home/EVERYONE$ cat elephant.txt
elephant
china@Chandan-Admin:/home/EVERYONE$ cat fish.txt
fish
china@Chandan-Admin:/home/EVERYONE$ cat gun.txt
gun
china@Chandan-Admin:/home/EVERYONE$ cat horse.txt
horse
china@Chandan-Admin:/home/EVERYONE$ cat icecream.txt
icecream
china@Chandan-Admin:/home/EVERYONE$

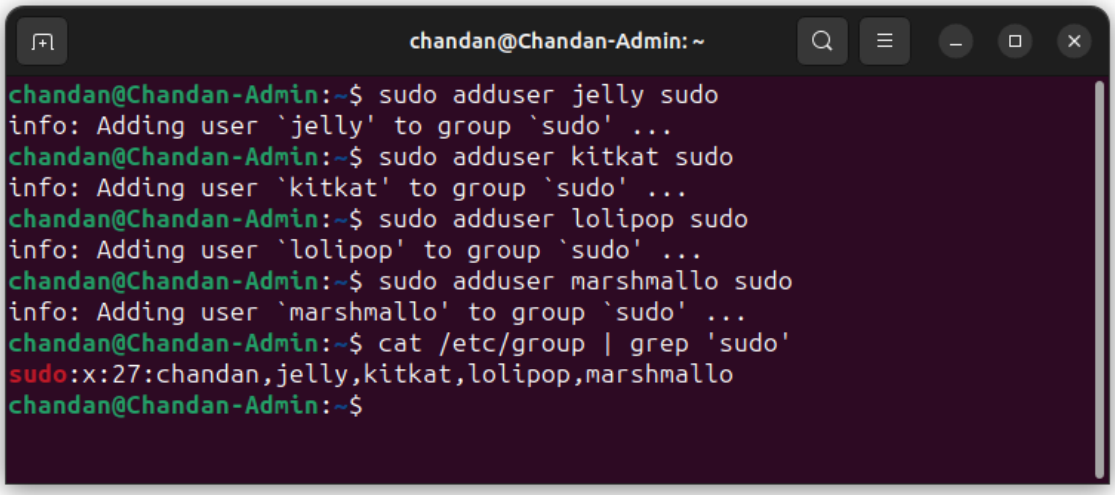
oppo -> primary group change -> one
vivo -> primary group change -> two



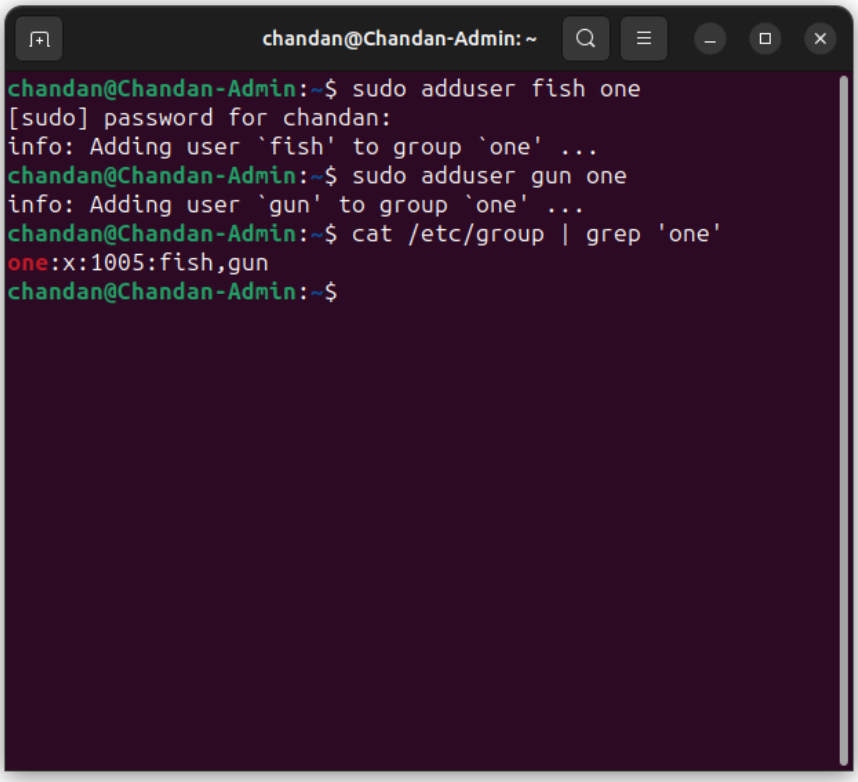




jelly,kitkat, lolipop, marshmallow -> add these users to sudo group

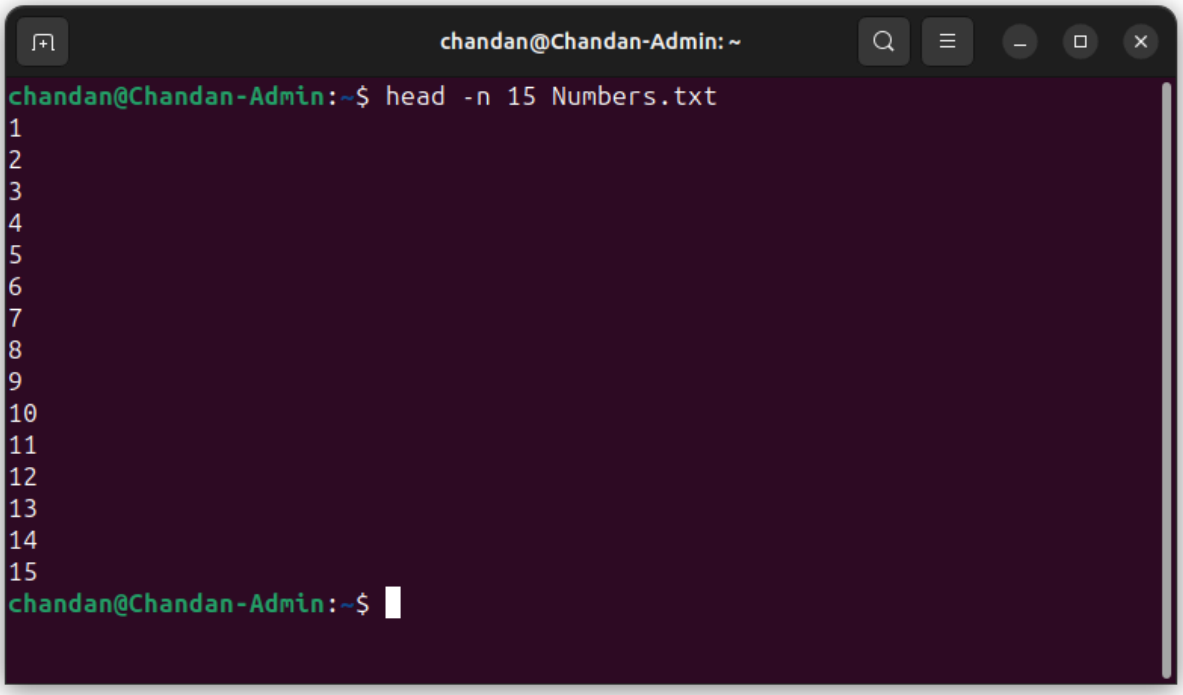


fish,gun -> add these users to one group as well (secondary group)

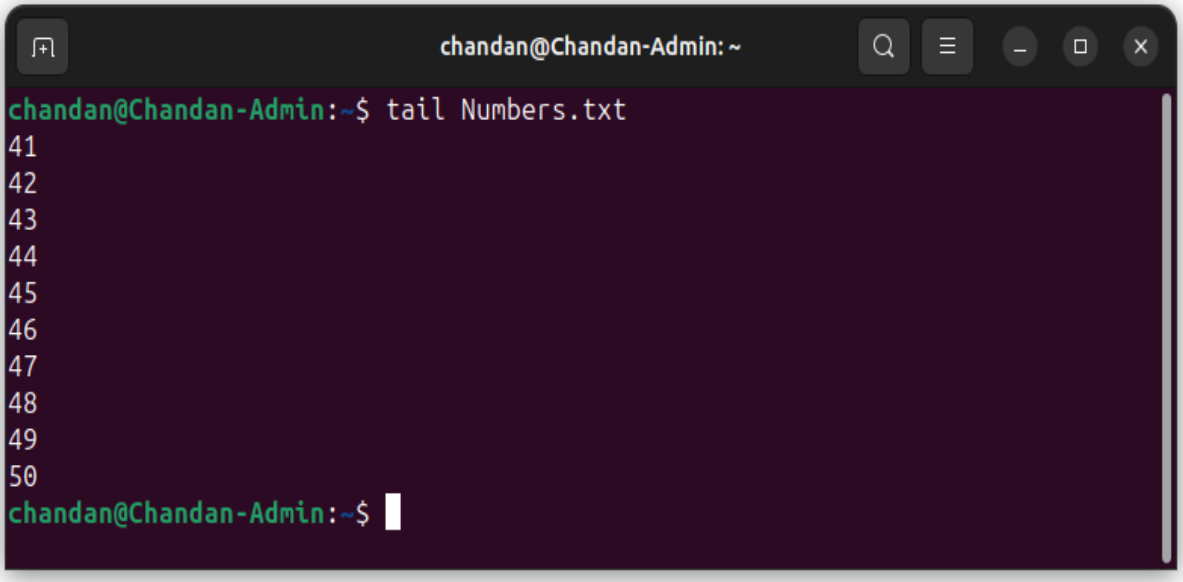


Q.2 Create Numbers.txt which will contain numbers from 1-50

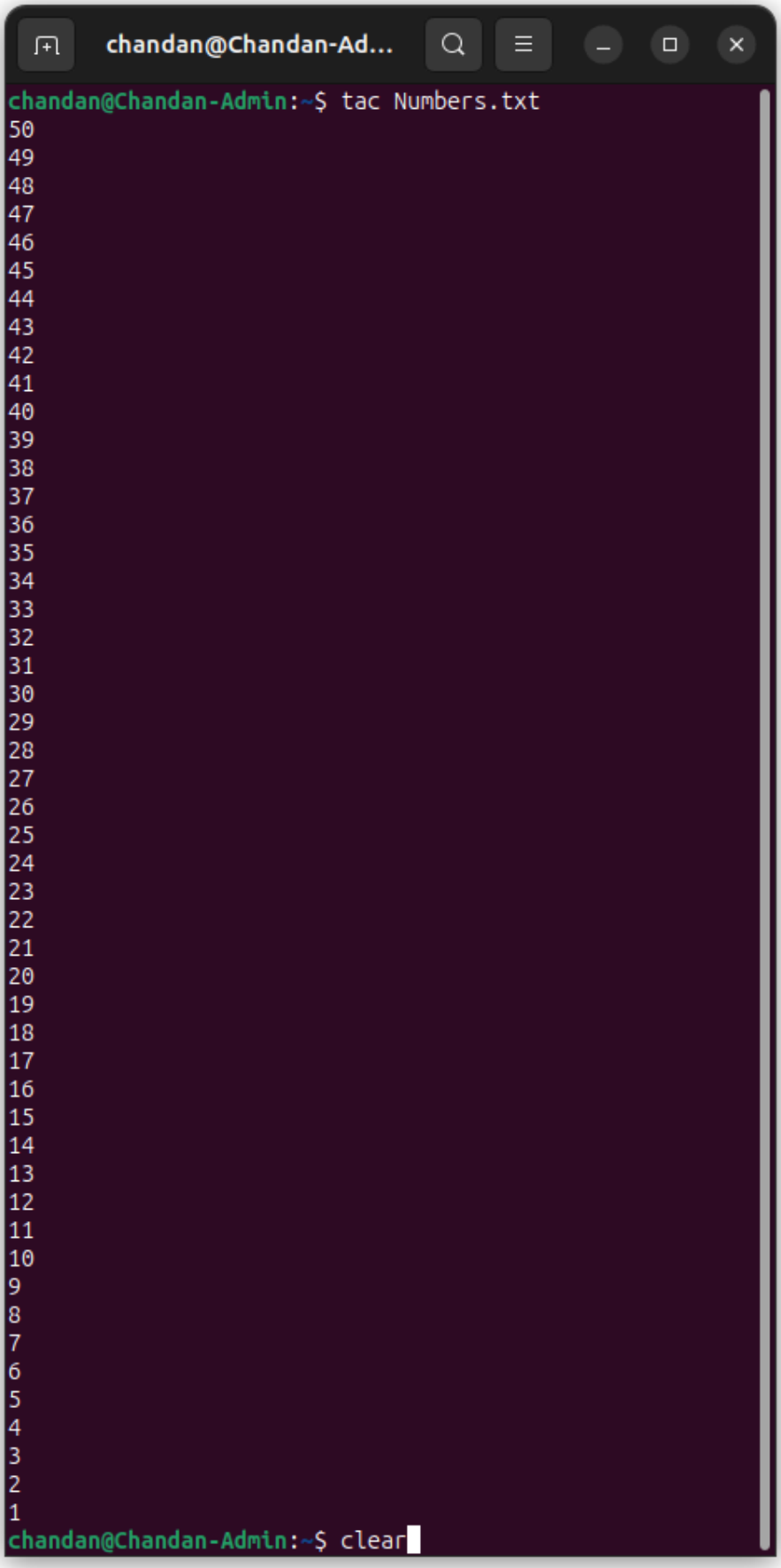
a. display first 15 numbers



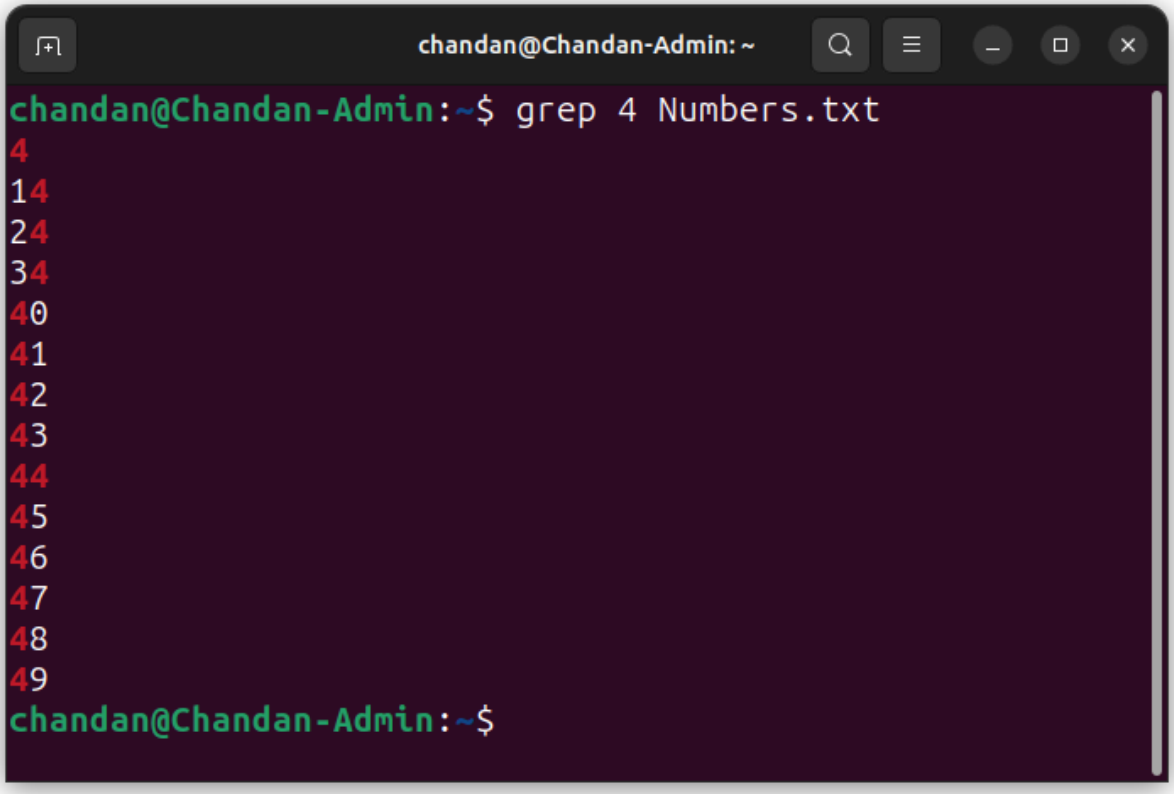
b. display last 10 numbers



c. display numbers in reverse


chandan@Chandan-Ad...
chandan@Chandan-Admin:~$ tac Numbers.txt
50
49
48
47
46
45
44
43
42
41
40
39
38
37
36
35
34
33
32
31
30
29
28
27
26
25
24
23
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
chandan@Chandan-Admin:~$ clear

d.display numbers which includes 4 in it



Q.3 create Student.txt file as given below

Rollno:name:marks

1111:Ram:87

2222:Sham:69

3333:Teena:58

4444:Priya:74

a. Display only details of sham
b. Display only marks of Priya
c. Display total number of lines in student.txt

soln :