Q.1 Create group and user as given below

Red



Apple



Banana

```
dbda@iacsd: ~
            dbda@iacsd:-$ sudo adduser banana --gid 1007
Adding user `banana' ...
Adding new user `banana' (1006) with group `red' ...
The home directory `/home/banana' already exists. Not copying from `/etc/skel'.
adduser: Warning: The home directory `/home/banana' does not belong to the user you are currently creating.
             New password:
BAD PASSWORD: The password is shorter than 8 characters
           BAD PASSMORD: The password is shorter than 8 charact Retype new password:
passwd: password updated successfully
Changing the user information for banana
Enter the new value, or press ENTER for the default
Full Name []: banana
Room Number []:
Work Phone []:
Home Phone []:
              Other []:
Is the information correct? [Y/n] y
0
```

Cat



Dog



Elephant



Blue



Fish



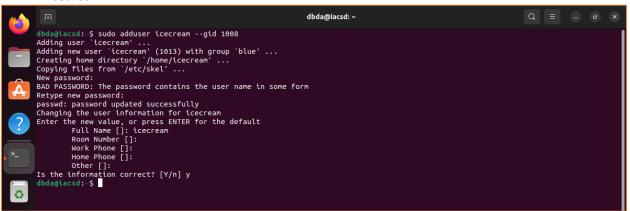
Gun



Horse



Icecream



Green



Jelly



Kitkat



Lollipop



Marshmallow

```
dbda@lacsd:-$ sudo adduser marshmallow --gid 1009
Adding user `marshmallow' ...
Adding new user `marshmallow' (1017) with group `green' ...
Creating home directory `/home/marshmallow' ...
Copying files from `/etc/skel' ...
New password:
BAD PASSWORD: The password contains the user name in some form
Retype new password updated successfully
Changing the user information for marshmallow
Enter the new value, or press ENTER for the default
Full Name []: marshmallow
Room Number []:
Work Phone []:
Home Phone []:
Other []:
Is the information correct? [Y/n] y
dbda@lacsd:-$
```

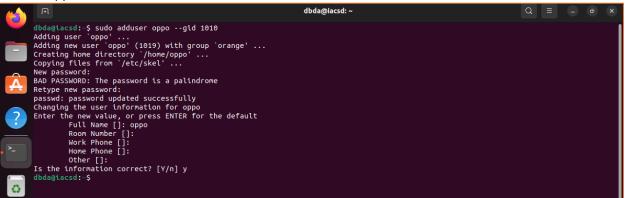
Orange



New



Oppo



Vivo



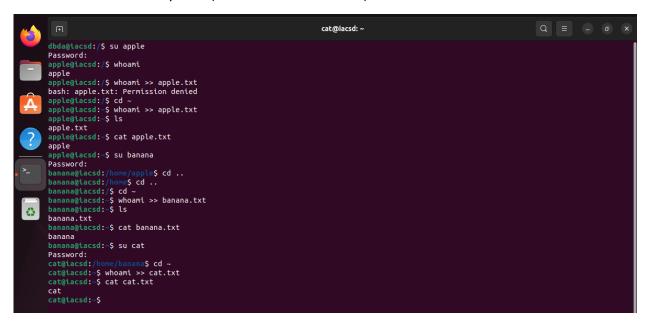
china

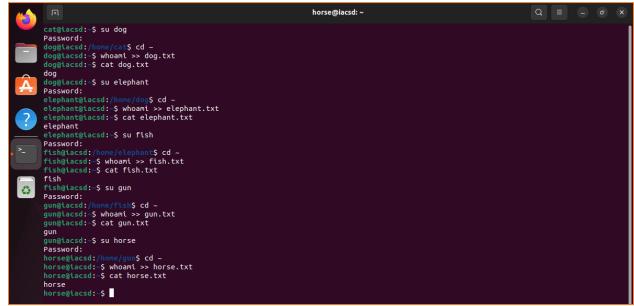


a. create directory named EVERYONE in /home. Give all permission to EVERYONE.

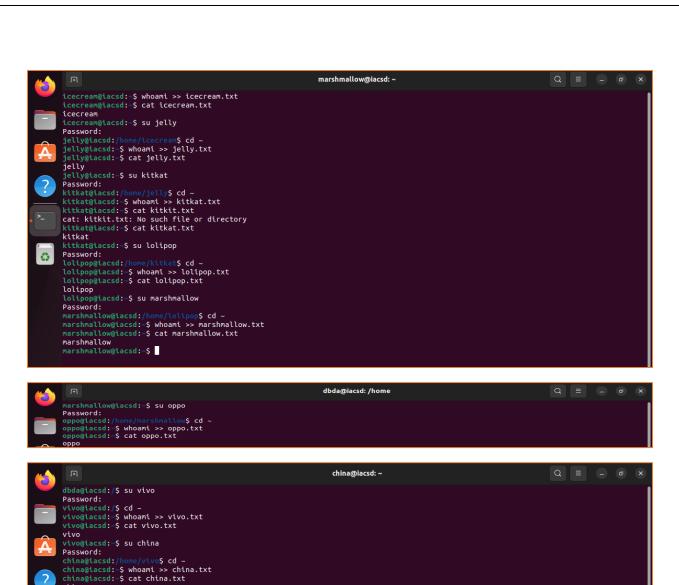
```
dbda@iacsd: /home
        dbda@lacsd:/home$ sudo mkdir EVERYONE
dbda@lacsd:/home$ sudo chmod 777 EVERYONE
dbda@lacsd:/home$ ls -l
                                                                                                                                               red 4096 Mar 11 19:15 apple blue 4096 Mar 11 19:16 banana bob 4096 Mar 10 22:47 bob red 4096 Mar 11 19:20 cat orange 4096 Mar 11 19:20 cat orange 4096 Mar 11 19:22 dog red 4096 Mar 11 19:22 dog red 4096 Mar 11 19:24 elephant root 4096 Mar 11 19:34 gun blue 4096 Mar 11 19:31 fish blue 4096 Mar 11 19:33 horse blue 4096 Mar 11 19:33 horse blue 4096 Mar 11 19:35 horse blue 4096 Mar 11 19:37 tecream green 4096 Mar 11 19:45 kitkat green 4096 Mar 11 19:45 kitkat green 4096 Mar 11 19:45 kitkat green 4096 Mar 11 21:55 Music orange 4096 Mar 11 21:55 Music orange 4096 Mar 10 21:55 Music orange 4096 Mar 10 21:55 prince 4096 Mar 10 23:53 prince sam 4096 Mar 10 22:56 sam tom 4096 Mar 10 22:46 tom root 4096 Mar 10 22:46 tom root 4096 Mar 10 22:246 tom root 4096 Mar 10 22:240 vivo
       drwxr-x---
                                                                      2 apple
2 banana
                                                                2 bob
2 cat
2 china
18 dbda
        drwxr-x---
        drwxr-x---
       drwxr-x---
                                                                               dog
elephant
       drwxr-x---
        drwxr-x---
                                                                                   root
fish
       drwxrwxrwx
                                                                              2 rusn
2 gun
2 horse
2 icecream
2 jelly
2 kitkat
2 lolipop
2 marshmallow
        drwxr-x---
         drwxr-x---
        drwxr-x---
       drwxr-x---
drwxr-x-
drwxr-x--- 2 marshma
drwxr-xr-x 2 root
drwxr-x--- 2 new
drwxr-x--- 2 oppo
drwxr-xr-x 2 root
drwxr-x--- 2 sam
drwxr-x--- 2 tom
drwxr-x--- 2 vivo
drwxr-x--- 2 vivo
dhda@lacsd:/home$
```

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

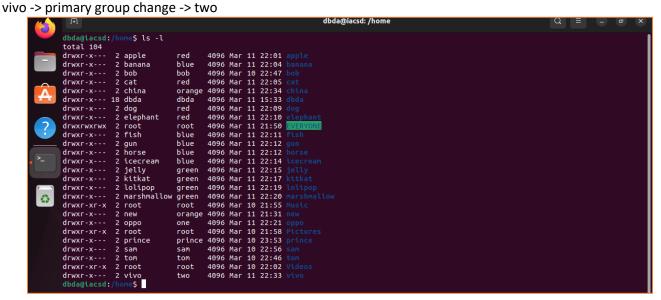




china@iacsd:~\$



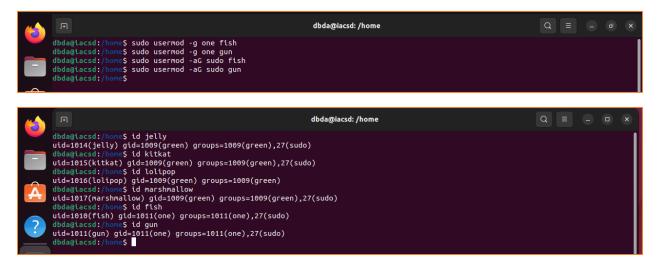
oppo -> primary group change -> one



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

```
dbda@tacsd:/homms sudo usermod -aG sudo jelly
dbda@tacsd:/homms sudo usermod -aG sudo k
kernoops kitkat
dbda@tacsd:/homms sudo usermod -aG sudo kitkat
dbda@tacsd:/homms sudo usermod -aG sudo marshmallow
dbda@tacsd:/homms sudo usermod -aG sudo marshmallow
dbda@tacsd:/homms sudo usermod -aG sudo marshmallow
```

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

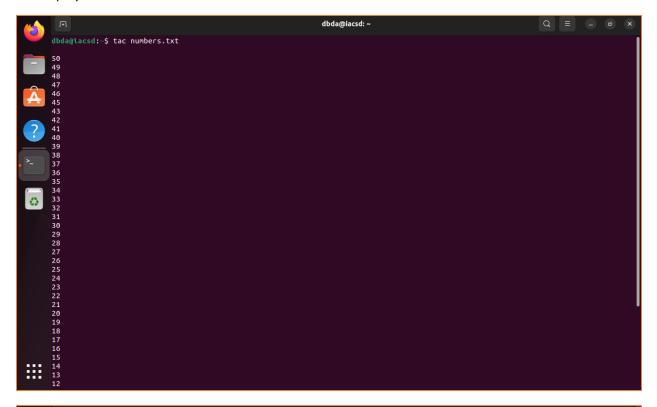


- Q.2 Create Numbers.txt which will contain numbers from 1-50
- a. display first 15 numbers



c. display last 10 numbers

d. display numbers in reverse order.





display numbers which includes 4 in it



Q.3 create Student.txt file as given below

Rollno:name:marks

1111:Ram:87

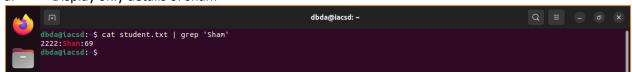
2222:Sham:69

3333:Teena:58

4444:Priya:74



a. Display only details of sham



b. Display only marks of Priya



Display total number of lines in student.txt

