```
#Assignment:User Permission
#referral_id:DIRSS3134
#Name:Gauri Vijay Kolte

Q1: We need to create directory inside the current user documents folder
with the name as /home/user/Documents/photos,
 /home/user/Documents/videos,/home/user/Documents/audio
-copy all the files starting with the name either a,b, c from the folder
of your Desktop (any folder) copy it inside the documents.
-from the documents if the file is starting with (a) copy it to videos
-if files or folders starting with (a or c) put it inside the audio
-put files starting with (b) inside the photos folder & make sure the
file size is less than 5 MB
- Create the tar & compression of file inside the desktop for the all the
3 folders
- for the audio folder create a symbolic link inside the /tmp folder with
any name

ANS:

gaurikolte1@cloudshell:~$ mkdir Document Newfile
gaurikolte1@cloudshell:~$ cd Document
gaurikolte1@cloudshell:~/Document$ mkdir Photos Video Audio
gaurikolte1@cloudshell:~/Document$ cd
gaurikolte1@cloudshell:~$ cd Newfile
gaurikolte1@cloudshell:~/Newfile$ touch ani files.t
gaurikolte1@cloudshell:~/Newfile$ touch abc.txt bob canyaman blackcoffer
file.txt
gaurikolte1@cloudshell:~/Newfile$ touch almond jocker.txt docker.txt cp
ani bolt
gaurikolte1@cloudshell:~/Newfile$ ls
abc.txt  ani         bob   canyaman  docker.txt  files.t   jocker.txt
almond   blackcoffer bolt  cp        file.txt
gaurikolte1@cloudshell:~/Newfile$ cp /home/gaurikolte1/Newfile/[a-c]*
/home/gaurikolte1/Document
gaurikolte1@cloudshell:~/Newfile$ cd
gaurikolte1@cloudshell:~$ cd Document
gaurikolte1@cloudshell:~/Document$ ls
abc.txt  almond  ani  Audio  blackcoffer  bob  bolt  canyaman  cp  Photos
Video

gaurikolte1@cloudshell:~/Document$ cp a* /home/gaurikolte1/Document/Video
gaurikolte1@cloudshell:~/Document$ cd Video
gaurikolte1@cloudshell:~/Document/Video$ ls
abc.txt  almond  ani

gaurikolte1@cloudshell:~/Document/Video$ cd ../
gaurikolte1@cloudshell:~/Document$ cp [a,c]*
/home/gaurikolte1/Document/Audio
gaurikolte1@cloudshell:~/Document$ cd Audio
gaurikolte1@cloudshell:~/Document/Audio$ ls
abc.txt  almond  ani  canyaman  cp

gaurikolte1@cloudshell:~/Document/Audio$ cd ../
gaurikolte1@cloudshell:~/Document$ cp b*
/home/gaurikolte1/Document/Photos
gaurikolte1@cloudshell:~/Document$ cd ../
gaurikolte1@cloudshell:~$ cd Document
gaurikolte1@cloudshell:~/Document$ cd Photos
gaurikolte1@cloudshell:~/Document/Photos$ find . -size -5M
```

```
.
./blackcoffer
./bob
./bolt

gaurikolte1@cloudshell:~/Document/Photos$ cd
gaurikolte1@cloudshell:~$ cd Document
gaurikolte1@cloudshell:~/Document$ tar -cvzf Doc.tar.gz Audio Video
Photos
Audio/
Audio/canyaman
Audio/almond
Audio/cp
Audio/ani
Audio/abc.txt
Video/
Video/almond
Video/ani
Video/abc.txt
Photos/
Photos/blackcoffer
Photos/bob
Photos/bolt
gaurikolte1@cloudshell:~/Document$ ls
abc.txt  almond  ani  Audio  blackcoffer  bob  bolt  canyaman  cp
Doc.tar.gz  Photos  Video

gaurikolte1@cloudshell:~/Document$ ln -s
/home/gaurikolte1/Document/Audio Symbolic_link
gaurikolte1@cloudshell:~/Document$ ls
abc.txt  almond  ani  Audio  blackcoffer  bob  bolt  canyaman  cp
Doc.tar.gz  Photos  Symbolic_link  Video
```

Q2
You need to create a user with the userid as 5000
-At the same time of creating the user set the password for the user
-Set the secondary group of that user as (sales)
- Also give the home directory to the user you are creating
- also add the comment as in form of date when creating user
-Set the shell of that user to (sh shell) [Using a single command]

ANS:
```
gaurikolte1@cloudshell:~/Document$ sudo groupadd Sales
gaurikolte1@cloudshell:~/Document$ sudo useradd -u 5004 -p 00 -c
'05/08/2022' --shell /bin/sh Kolte1
gaurikolte1@cloudshell:~/Document$ sudo usermod -a -G Sales Kolte1
gaurikolte1@cloudshell:~/Document$ cat /etc/passwd |grep Kolte1
Kolte1:x:5004:5004:05/08/2022:/home/Kolte1:/bin/sh
gaurikolte1@cloudshell:~/Document$ id Kolte1
uid=5004(Kolte1) gid=5004(Kolte1) groups=5004(Kolte1),5003(Sales)
gaurikolte1@cloudshell:~/Document$
```

Q3: Create any four user ram, shyam, babu, aman
-Set their account to expire in 90 days
- Create a group sales & marketing add ram, shyam to sales -add babu,
aman to marketing
- make sure all the four user got the home directory
- give a comment "REGex users' at time of creating the user itself
[Group should be allocated to all the user at time of creating the user]

ANS:

```
gaurikolte1@cloudshell:~/Users$ sudo groupadd Sales
gaurikolte1@cloudshell:~/Users$ sudo groupadd Marketing
gaurikolte1@cloudshell:~/Users$ sudo useradd -c "REGEX users" -e 2022-11-
05 -G Sales Ram
gaurikolte1@cloudshell:~/Users$ sudo useradd -c "REGEX users" -e 2022-11-
05 -G Sales Shyam
gaurikolte1@cloudshell:~/Users$ sudo useradd -c "REGEX users" -e 2022-11-
05 -G Marketing Babu
gaurikolte1@cloudshell:~/Users$ sudo useradd -c "REGEX users" -e 2022-11-
05 -G Marketing Aman
gaurikolte1@cloudshell:~/Users$ groups Ram Shyam Babu Aman
Ram : Ram Sales
Shyam : Shyam Sales
Babu : Babu Marketing
Aman : Aman Marketing
gaurikolte1@cloudshell:~/Users$  cat /etc/passwd | grep Aman
Aman:x:5014:5014:REGEX users:/home/Aman:/bin/sh
```

Q4 You have to change the username of the user, without deleting,
changing or affecting the data its data
-Give the expiryd date of the user, that the account should expire after
2 days from the date
you have created the account.

ANS

```
gaurikolte1@cloudshell:~/Users$ sudo useradd Gk2
gaurikolte1@cloudshell:~/Users$ compgen -u
root
daemon
bin
sys
sync
games
Gk2

gaurikolte1@cloudshell:~/Users$ sudo usermod -e 2022-08-07 -l Gaur Gk2
gaurikolte1@cloudshell:~/Users$ compgen -u
root
daemon
bin
sys
sync
```

```
games
Gaur

gaurikolte1@cloudshell:~/Users$  sudo chage -l Gaur
Last password change                                   : Aug 05, 2022
Password expires                                       : never
Password inactive                                      : never
Account expires                                        : Aug 07, 2022
Minimum number of days between password change         : 0
Maximum number of days between password change         : 99999
Number of days of warning before password expires      : 7
```