

Assignment -linux day 4 :-

User Management: create two users by the name, ravi and sunny. Create files by name, Wednesday and April in their home directories. Then login as root and change their permissions using octal notation and word notation as well. Create a file by logging as root in each user's home directory using vi editor. This file should be named as notes and should contain topics for today from your TOC.

```
[root@localhost network-scripts]# cd /
[root@localhost ~]# pwd
/
[root@localhost ~]# useradd ravi
[root@localhost ~]# useradd sunny
[root@localhost ~]# id ravi
uid=1008(ravi) gid=1009(ravi) groups=1009(ravi)
[root@localhost ~]# id sunny
uid=1009(sunny) gid=1010(sunny) groups=1010(sunny)
[root@localhost ~]# touch /home/ravi/wednesday
[root@localhost ~]# touch /home/ravi/april
[root@localhost ~]# touch /home/sunny/wednesday
[root@localhost ~]# touch /home/sunny/april
[root@localhost ~]# su
[root@localhost ~]# chmod 700 /home/ravi
[root@localhost ~]# chmod 700 /home/sunny
[root@localhost ~]# _
```

```
[root@localhost ~]# su
[root@localhost ~]# chmod 700 /home/ravi
[root@localhost ~]# chmod 700 /home/sunny
[root@localhost ~]# ls -ltr
total 36
drwxr-xr-x. 2 root root 6 Apr 11 2018 srv
drwxr-xr-x. 2 root root 6 Apr 11 2018 opt
drwxr-xr-x. 2 root root 6 Apr 11 2018 mnt
drwxr-xr-x. 2 root root 6 Apr 11 2018 media
lrwxrwxrwx. 1 root root 7 Apr 18 17:42 bin -> usr/bin
lrwxrwxrwx. 1 root root 9 Apr 18 17:42 lib64 -> usr/lib64
lrwxrwxrwx. 1 root root 7 Apr 18 17:42 lib -> usr/lib
lrwxrwxrwx. 1 root root 8 Apr 18 17:42 sbin -> usr/sbin
drwxr-xr-x. 13 root root 155 Apr 18 17:42 usr
dr-xr-xr-x. 5 root root 4096 Apr 18 17:50 boot
drwxr-xr-x. 19 root root 267 Apr 18 17:51 var
drwxr-xr-x. 2 root root 6 Apr 19 17:02 election
drwxr-xr-x. 2 root root 6 Apr 19 17:19 election1
drwxr-xr-x. 2 root root 6 Apr 19 18:44 thursday
-rw-r--r--. 1 root root 164 Apr 19 18:50 result.txt
-rw-r--r--. 1 root root 8 Apr 19 18:52 list
-rw-r--r--. 1 root root 1297 Apr 19 18:53 output.txt
-rw-r--r--. 1 root root 1461 Apr 19 18:55 combine.txt
dr-xr-x---. 10 root root 4096 Apr 21 16:56 root
drwx-----. 2 warner warner 62 Apr 22 20:20 training
drwxr-xr-x. 25 root root 720 Apr 24 12:06 run
drwxr-xr-x. 75 root root 8192 Apr 24 12:36 etc
drwxr-xr-x. 9 root root 99 Apr 24 12:36 home
dr-xr-xr-x. 113 root root 0 Apr 24 2024 proc
dr-xr-xr-x. 13 root root 0 Apr 24 2024 sys
drwxr-xr-x. 20 root root 3268 Apr 24 2024 dev
drwxrwxrwt. 29 root root 4096 Apr 24 2024 tmp
[root@localhost ~]# su -
Last login: Wed Apr 24 12:41:18 IST 2024 on tty1
Last failed login: Wed Apr 24 14:50:23 IST 2024 on tty1
There was 1 failed login attempt since the last successful login.
[root@localhost ~]#
```

Activate Windows
Go to Settings to activate Windows.

```
[root@localhost ~]# su -  
Last login: Wed Apr 24 12:41:10 IST 2024 on tty1  
Last failed login: Wed Apr 24 14:50:23 IST 2024 on tty1  
There was 1 failed login attempt since the last successful login.  
[root@localhost ~]# chmod u=rwx /home/ravi  
[root@localhost ~]# chmod u=rwx /home/sunny  
[root@localhost ~]#
```

```
[root@localhost ~]# su -  
[root@localhost ~]# cd /home  
[root@localhost ~]# ls -ltr  
total 0  
drwx-----. 2 suman suman 62 Apr 21 16:38 suman  
drwx-----. 2 kishor kishor 62 Apr 21 16:40 kishor  
drwx-----. 2 kishorr kishorr 62 Apr 21 16:41 kishorr  
drwx-----. 2 virat virat 83 Apr 22 16:10 virat  
drwx-----. 2 rohit rohit 62 Apr 22 16:11 rohit  
drwx-----. 2 ravi ravi 92 Apr 24 12:39 ravi  
drwx-----. 2 sunny sunny 92 Apr 24 12:40 sunny  
[root@localhost ~]# su -  
[root@localhost ~]# cd /home  
[root@localhost ~]# ls -ltr  
total 0  
drwx-----. 2 suman suman 62 Apr 21 16:38 suman  
drwx-----. 2 kishor kishor 62 Apr 21 16:40 kishor  
drwx-----. 2 kishorr kishorr 62 Apr 21 16:41 kishorr  
drwx-----. 2 virat virat 83 Apr 22 16:10 virat  
drwx-----. 2 rohit rohit 62 Apr 22 16:11 rohit  
drwxrwxrwx. 2 ravi ravi 92 Apr 24 12:39 ravi  
drwxrwxrwx. 2 sunny sunny 92 Apr 24 12:40 sunny  
[root@localhost ~]#
```

```
[root@localhost ~]# su -  
[root@localhost ~]# cd /home  
[root@localhost ~]# touch notes.txt  
[root@localhost ~]# chown ravi notes.txt  
[root@localhost ~]# chown sunny notes.txt  
[root@localhost ~]#
```

```

[root@localhost /]# chown ravi:ravi notes.txt
[root@localhost /]# ls -l
total 36
lrwxrwxrwx. 1 root root 7 Apr 18 17:42 bin -> usr/bin
dr-xr-xr-x. 5 root root 4096 Apr 18 17:50 boot
-rw-r--r--. 1 root root 1461 Apr 19 18:55 combine.txt
drwxr-xr-x. 20 root root 3260 Apr 24 2024 dev
drwxr-xr-x. 2 root root 6 Apr 19 17:02 election
drwxr-xr-x. 2 root root 6 Apr 19 17:19 election1
drwxr-xr-x. 75 root root 8192 Apr 24 12:36 etc
drwxr-xr-x. 9 root root 99 Apr 24 12:36 home
lrwxrwxrwx. 1 root root 7 Apr 18 17:42 lib -> usr/lib
lrwxrwxrwx. 1 root root 9 Apr 18 17:42 lib64 -> usr/lib64
-rw-r--r--. 1 root root 0 Apr 19 18:52 list
drwxr-xr-x. 2 root root 6 Apr 11 2018 media
drwxr-xr-x. 2 root root 6 Apr 11 2018 mnt
drwxr-xr-x. 2 root root 6 Apr 24 12:59 notes
-rw-r--r--. 1 ravi ravi 0 Apr 24 13:01 notes.txt
drwxr-xr-x. 2 root root 6 Apr 11 2018 opt
-rw-r--r--. 1 root root 1297 Apr 19 18:53 output.txt
dr-xr-xr-x. 113 root root 0 Apr 24 2024 proc
-rw-r--r--. 1 root root 164 Apr 19 18:50 result.txt
dr-xr-x---. 10 root root 4096 Apr 21 16:56 root
drwxr-xr-x. 25 root root 720 Apr 24 12:06 run
lrwxrwxrwx. 1 root root 8 Apr 18 17:42/sbin -> usr/sbin
drwxr-xr-x. 2 root root 6 Apr 11 2018 srv
dr-xr-xr-x. 13 root root 0 Apr 24 2024 sys
drwxr-xr-x. 2 root root 6 Apr 19 18:44 thursday
drwxrwxrwt. 29 root root 4096 Apr 24 2024 tmp
drwx-----. 2 warner warner 62 Apr 22 20:20 training
drwxr-xr-x. 13 root root 155 Apr 18 17:42 usr
drwxr-xr-x. 19 root root 267 Apr 18 17:51 var
[root@localhost /]#

```

```

[root@localhost /]# chown ravi:ravi notes.txt
[root@localhost /]# ls -l
total 36
lrwxrwxrwx. 1 root root 7 Apr 18 17:42 bin -> usr/bin
dr-xr-xr-x. 5 root root 4096 Apr 18 17:50 boot
-rw-r--r--. 1 root root 1461 Apr 19 18:55 combine.txt
drwxr-xr-x. 20 root root 3260 Apr 24 2024 dev
drwxr-xr-x. 2 root root 6 Apr 19 17:02 election
drwxr-xr-x. 2 root root 6 Apr 19 17:19 election1
drwxr-xr-x. 75 root root 8192 Apr 24 12:36 etc
drwxr-xr-x. 9 root root 99 Apr 24 12:36 home
lrwxrwxrwx. 1 root root 7 Apr 18 17:42 lib -> usr/lib
lrwxrwxrwx. 1 root root 9 Apr 18 17:42 lib64 -> usr/lib64
-rw-r--r--. 1 root root 0 Apr 19 18:52 list
drwxr-xr-x. 2 root root 6 Apr 11 2018 media
drwxr-xr-x. 2 root root 6 Apr 11 2018 mnt
drwxr-xr-x. 2 root root 6 Apr 24 12:59 notes
-rw-r--r--. 1 ravi ravi 0 Apr 24 13:01 notes.txt
drwxr-xr-x. 2 root root 6 Apr 11 2018 opt
-rw-r--r--. 1 root root 1297 Apr 19 18:53 output.txt
dr-xr-xr-x. 113 root root 0 Apr 24 2024 proc
-rw-r--r--. 1 root root 164 Apr 19 18:50 result.txt
dr-xr-xr-x. 10 root root 4096 Apr 21 16:56 root
drwxr-xr-x. 25 root root 720 Apr 24 12:06 run
lrwxrwxrwx. 1 root root 8 Apr 18 17:42/sbin -> usr/sbin
drwxr-xr-x. 2 root root 6 Apr 11 2018 srv
dr-xr-xr-x. 13 root root 0 Apr 24 2024 sys
drwxr-xr-x. 2 root root 6 Apr 19 18:44 thursday
drwxrwxrwt. 29 root root 4096 Apr 24 2024 tmp
drwx-----. 2 warner warner 62 Apr 22 20:20 training
drwxr-xr-x. 13 root root 155 Apr 18 17:42 usr
drwxr-xr-x. 19 root root 267 Apr 18 17:51 var
[root@localhost /]#

```

```

[root@localhost /]# ls -l /home
total 0
drwx-----. 2 kishor kishor 62 Apr 21 16:40 kishor
drwx-----. 2 kishorr kishorr 62 Apr 21 16:41 kishorr
drwxrwxrwx. 2 ravi ravi 92 Apr 24 12:39 ravi
drwx-----. 2 rohit rohit 62 Apr 22 16:11 rohit
drwx-----. 2 suman suman 62 Apr 21 16:38 suman
drwxrwxrwx. 2 sunny sunny 92 Apr 24 12:40 sunny
drwx-----. 2 virat virat 83 Apr 22 16:10 virat
[root@localhost /]#

```

```
[root@localhost home]# cat > /home/ravi/notes
file management
network configuration
give ip address to network in linux
[root@localhost home]#
[root@localhost home]# cat > /sunny/notes
bash: /sunny/notes: No such file or directory
[root@localhost home]# cat > /home/sunny/notes
file management
network configuration
assign ip address^Z
[2]+  Stopped                  cat > /home/sunny/notes
[root@localhost home]#
```