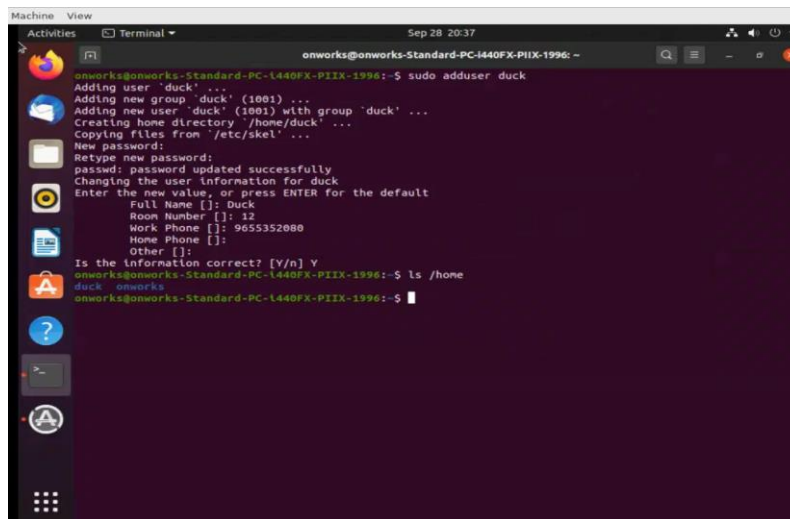


Basics Of System Administration in Linux

1) Create a new user account and home directory called "Duck"

#commands in terminal

```
sudo adduser duck  
ls /home
```

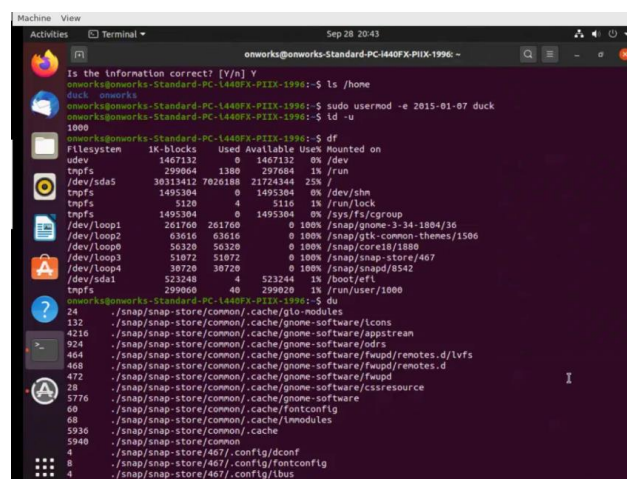


```
Machine View  
Activities Terminal  
onworks@onworks-Standard-PC-l440FX-PIIX-1996: ~$ sudo adduser duck  
Adding user 'duck' ...  
Adding new group 'duck' (1001) ...  
Adding new user 'duck' (1001) with group 'duck' ...  
Creating home directory /home/duck ...  
Copying files from /etc/skel ...  
New password:  
Retype new password:  
passwd: password updated successfully  
Changing the user information for duck  
Enter the new value, or press ENTER for the default  
Full Name []: Duck  
Room Number []: 12  
Work Phone []: 9655352080  
Home Phone []:  
Other []:  
Is the information correct? [Y/n] Y  
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~$ ls /home  
duck onworks  
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~$
```

- 2) Set the user account "Duck's" expiry date as 07 - 01 - 2015
- 3) find the id of the user account "Duck"
- 4) Type df and du commands and see the output on your terminal.

#commands in terminal

```
sudo usermod -e 2015-01-07 duck  
id -u  
df  
du
```



```
Machine View  
Activities Terminal  
onworks@onworks-Standard-PC-l440FX-PIIX-1996: ~$ sudo usermod -e 2015-01-07 duck  
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~$ id -u  
1000  
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~$ df  
Filesystem      1k-blocks    Used Available User Mounted on  
udev            1467132      0   1467132 0% /dev  
tmpfs           299064      1380   297684 1% /run  
/dev/sda5       36312412  826188  21724344 25% /  
tmpfs           1495304      0   1495304 0% /dev/shm  
tmpfs           5120        4    5116 1% /run/lock  
tmpfs           1495304      0   1495304 0% /sys/fs/cgroup  
/dev/loop1      261760  261760    0 100% /snap/gnome-3-34-1804/36  
/dev/loop2      63616  63616    0 100% /snap/gtk-common-themes/1506  
/dev/loop0      56320  56320    0 100% /snap/core18/1808  
/dev/loop3      51072  51072    0 100% /snap/snap-store/467  
/dev/loop4      38720  38720    0 100% /snap/snapd/8542  
/dev/sda1       523248      4   523244 1% /boot/efi  
tmpfs           299060      40   299020 1% /run/user/1000  
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~$ du  
24  ./snap/snap-store/common/.cache/gtk-modules  
132 ./snap/snap-store/common/.cache/gnome-software/icons  
4216 ./snap/snap-store/common/.cache/gnome-software/appstream  
924  ./snap/snap-store/common/.cache/gnome-software/podfs  
464  ./snap/snap-store/common/.cache/gnome-software/fwupd/remotes.d/lvfs  
468  ./snap/snap-store/common/.cache/gnome-software/fwupd/remotes.d  
472  ./snap/snap-store/common/.cache/gnome-software/fwupd  
28  ./snap/snap-store/common/.cache/gnome-software/cssresource  
5776 ./snap/snap-store/common/.cache/gnome-software  
60  ./snap/snap-store/common/.cache/fontconfig  
68  ./snap/snap-store/common/.cache/lwmodules  
5936 ./snap/snap-store/common/.cache  
5940 ./snap/snap-store/common  
4  ./snap/snap-store/467/.config/dconf  
8  ./snap/snap-store/467/.config/fontconfig  
4  ./snap/snap-store/467/.config/ibus  
4  ./snap/snap-store/467/.config/gtk-2.0
```

- 5) Type this command on the terminal and see the output:
du -ch *.txt

#commands in terminal

du -ch *.txt

```
1868 .
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~$ du -ch *.txt
du: cannot access '*.txt': No such file or directory
total
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~$ du -ca *.txt
du: cannot access '*.txt': No such file or directory
total
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~$
```

- 6) Delete the user account "Duck" permanently along with its home folder.

#commands in terminal

sudo userdel -r duck

```
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~$ userdel -r duck
userdel: Permission denied.
userdel: cannot lock /etc/passwd; try again later.
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~$ ls /home/
duck  onworks
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~$ sudo userdel -r duck
userdel: duck mail spool (/var/mail/duck) not found
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~$ ls /home
onworks
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~$
```