EmbedUR - Linux Training Program

Module - 2

Assignment – 8 (System Administration)

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

```
aswinsankesh@aswin-linux:~$ sudo adduser duck
Adding user `duck' ...
Adding new group `duck' (1003) ...
Adding new user `duck' (1003) 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 []:
        Work Phone []:
        Home Phone []:
        Other []:
Is the information correct? [Y/n] y
aswinsankesh@aswin-linux:~$
```

Explanation:

sudo => super user command

adduser => to add a user to the computer

2) Set the user account "Duck's" expiry date as 07 - 01 - 2015

Output:

```
aswinsankesh@aswin-linux:~$ sudo usermod -e 07-01-2025 duck
aswinsankesh@aswin-linux:~$
```

Explanation:

Usermod => to modify the details of the user

```
3) find the id of the user account "Duck"
```

Output:

```
aswinsankesh@aswin-linux:~$ su - duck
Password:
duck@aswin-linux:~$ id -u
1003
duck@aswin-linux:~$
```

Explanation:

Su => switch user

Id –u => id of the user

```
4) Type df and du commands and see the output on your terminal.
```

Output:

```
duck@aswin-linux:~$ df
Filesystem      1K-blocks      Used Available Use% Mounted on
tmpfs             200664       1432    199232   1% /run
/dev/sda3       25106692   12607608  11198400  53% /
tmpfs            1003312          0   1003312   0% /dev/shm
tmpfs               5120          4      5116   1% /run/lock
/dev/sda2         524252       6216    518036   2% /boot/efi
tmpfs             200660        100    200560   1% /run/user/1000
duck@aswin-linux:~$ du
16      .
duck@aswin-linux:~$
```

Explanation:

df => to find the amount of disk space occupied

du => to find amount of space a file has occupied.

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

Output:

```
aswinsankesh@aswin-linux:~$ du -ch *.txt
4.0K    abc.txt
4.0K    dest.txt
4.0K    digits2.txt
4.0K    digits3.txt
4.0K    error_log.txt
4.0K    exercise.txt
8.0K    process_info.txt
4.0K    test1.txt
4.0K    test2.txt
4.0K    testa.txt
4.0K    testb.txt
48K     total
aswinsankesh@aswin-linux:~$
```

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

Output:

```
aswinsankesh@aswin-linux:~$ sudo userdel -r duck
[sudo] password for aswinsankesh:
userdel: duck mail spool (/var/mail/duck) not found
aswinsankesh@aswin-linux:~$
```

Explanation:

Userdel => to delete a user

-r => to delete permenantly along with home directory.