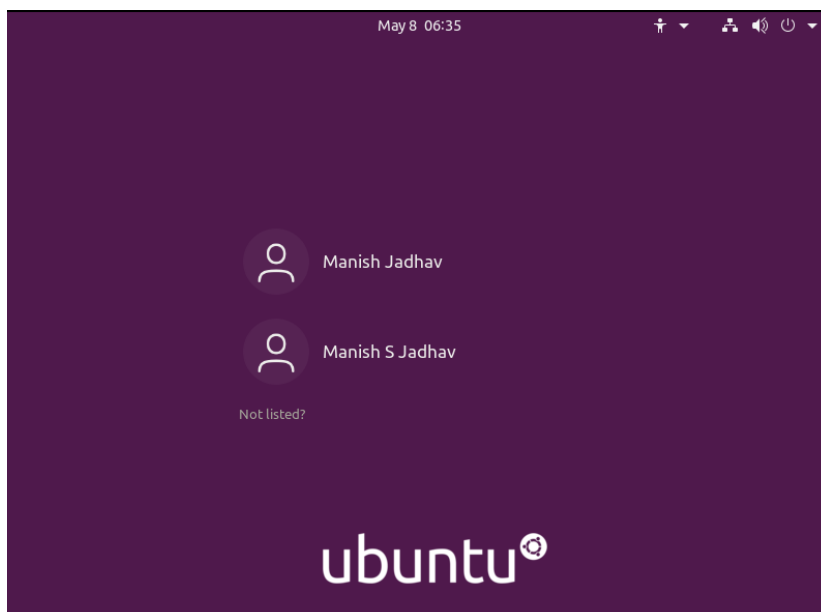


Experiment No. 5

Aim: Setting up and supporting users: Creating user accounts, setting user defaults, modifying accounts, deleting accounts, Checking disk quotas, Sending mail to user.

1. Create User:

```
manish28@ubuntu:~$ sudo adduser manishjadhav
Adding user `manishjadhav' ...
Adding new group `manishjadhav' (1001) ...
Adding new user `manishjadhav' (1001) with group `manishjadhav' ...
Creating home directory `/home/manishjadhav' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for manishjadhav
Enter the new value, or press ENTER for the default
    Full Name []: Manish S Jadhav
    Room Number []:
    Work Phone []:
    Home Phone []:
    Other []:
Is the information correct? [Y/n] y
manish28@ubuntu:~$ sudo usermod -aG sudo manishjadhav
manish28@ubuntu:~$
```



2. Usermod:

```
manish28@ubuntu:~$ grep manishjadhav /etc/passwd /etc/group
/etc/passwd:manishjadhav:x:1001:1001:Manish S Jadhav,,,:/home/manishjadhav:/bin/bash
/etc/group:sudo:x:27:manish28,manishjadhav
/etc/group:manishjadhav:x:1001:
manish28@ubuntu:~$ sudo usermod --shell /bin/sh manishjadhav
[sudo] password for manish28:
manish28@ubuntu:~$
```

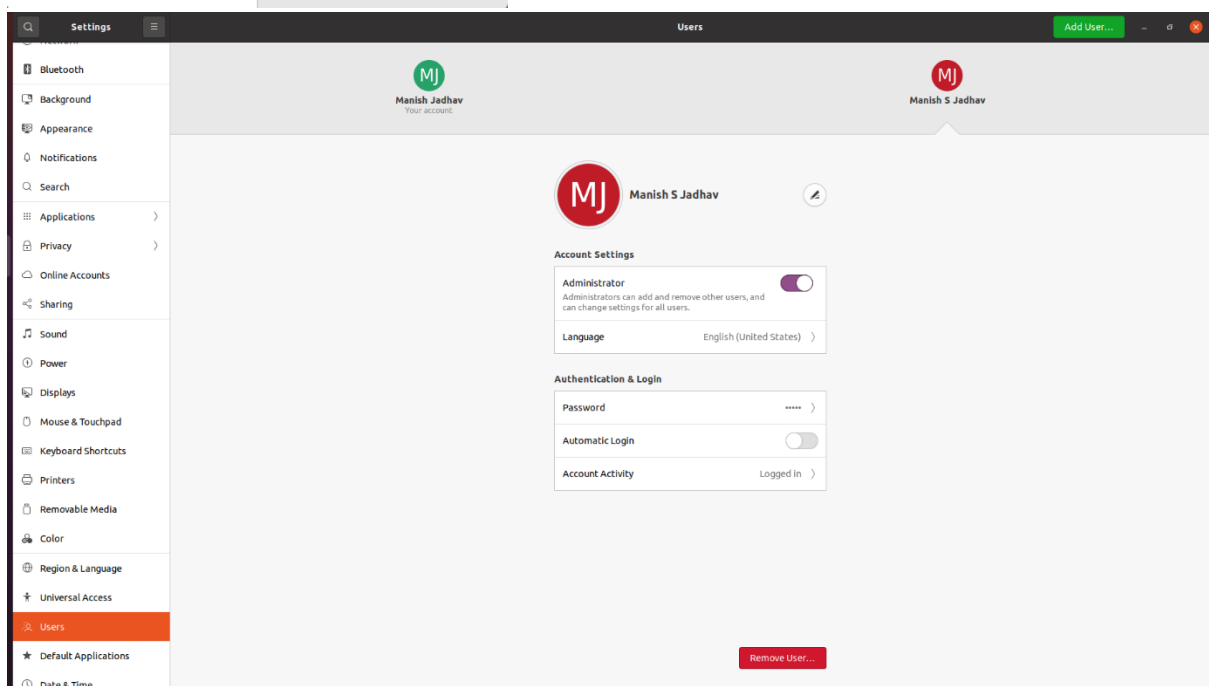
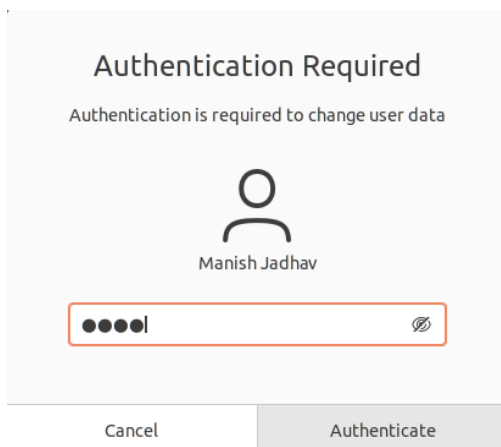
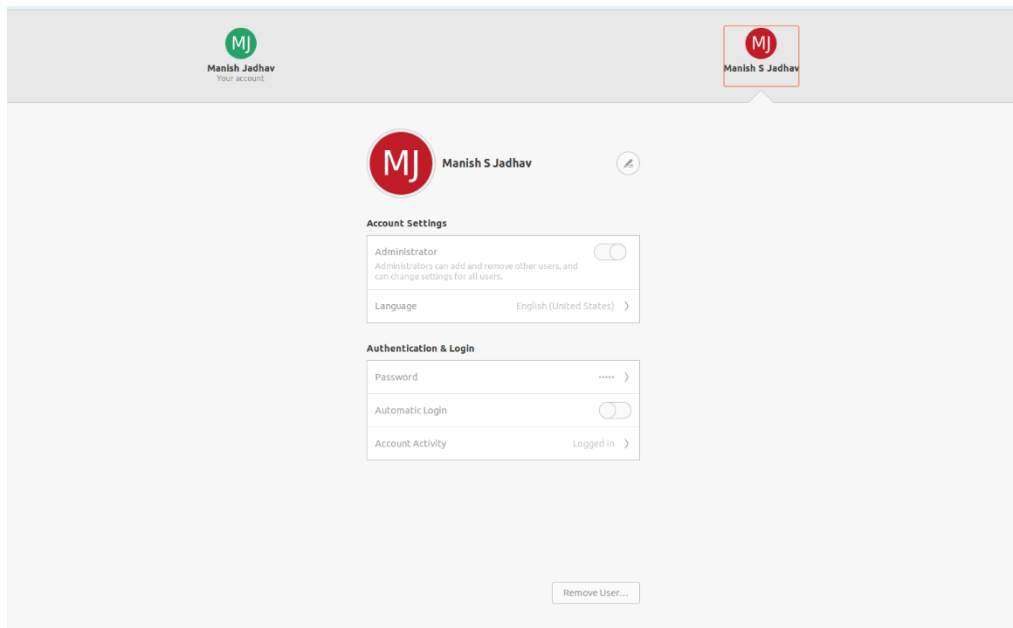
3. Chsh utility:

```
manish28@ubuntu:~$ grep manishjadhav /etc/passwd /etc/group
/etc/passwd:manishjadhav:x:1001:1001:Manish S Jadhav,,,:/home/manishjadhav:/bin/bash
/etc/group:sudo:x:27:manish28,manishjadhav
/etc/group:manishjadhav:x:1001:
manish28@ubuntu:~$ sudo chsh --shell /bin/bash manishjadhav
[sudo] password for manish28:
manish28@ubuntu:~$
```

4. vi/etc/passwd:

```
manish28@ubuntu:~$ vi /etc/passwd
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin)/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
systemd-network:x:100:102:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin
systemd-resolve:x:101:103:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin
systemd-timesync:x:102:104:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin
messagebus:x:103:106:/:nonexistent:/usr/sbin/nologin
syslog:x:104:110:/:home/syslog:/usr/sbin/nologin
_apt:x:105:65534:/:nonexistent:/usr/sbin/nologin
tss:x:106:111:TPM software stack,,,:/var/lib/tpm:/bin/false
uidd:x:107:114:/:run/uidd:/usr/sbin/nologin
tcpdump:x:108:115:/:nonexistent:/usr/sbin/nologin
avahi-autoipd:x:109:116:Avahi autoip daemon,,,:/var/lib/avahi-autoipd:/usr/sbin/nologin
usbmux:x:110:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin
rtkit:x:111:117:RealtimeKit,,,:/proc:/usr/sbin/nologin
dnsmasq:x:112:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
cups-pk-helper:x:113:120:user for cups-pk-helper service,,,:/home/cups-pk-helper:/usr/sbin/nologin
speech-dispatcher:x:114:29:Speech Dispatcher,,,:/run/speech-dispatcher:/bin/false
avahi:x:115:121:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/usr/sbin/nologin
kernoops:x:116:65534:Kernel Oops Tracking Daemon,,,:/usr/sbin/nologin
saned:x:117:123:/:var/lib/saned:/usr/sbin/nologin
nm-openvpn:x:118:124:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin
hplip:x:119:7:HPLIP system user,,,:/run/hplip:/bin/false
whoopsie:x:120:125:/:nonexistent:/bin/false
colord:x:121:126:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
geoclue:x:122:127:/:var/lib/geoclue:/usr/sbin/nologin
pulse:x:123:128:PulseAudio daemon,,,:/var/run/pulse:/usr/sbin/nologin
gnome-initial-setup:x:124:65534:/:run/gnome-initial-setup:/bin/false
gdm:x:125:130:Gnome Display Manager:/var/lib/gdm3:/bin/false
sssd:x:126:131:SSSD system user,,,:/var/lib/sss:/usr/sbin/nologin
manish28:x:1000:1000:Manish Jadhav,,,:/home/manish28:/bin/bash
systemd-coredump:x:999:999:systemd Core Dumper:/:usr/sbin/nologin
manishjadhav:x:1001:1001:Manish S Jadhav,,,:/home/manishjadhav:/bin/bash
```

5. Modifying Accounts:

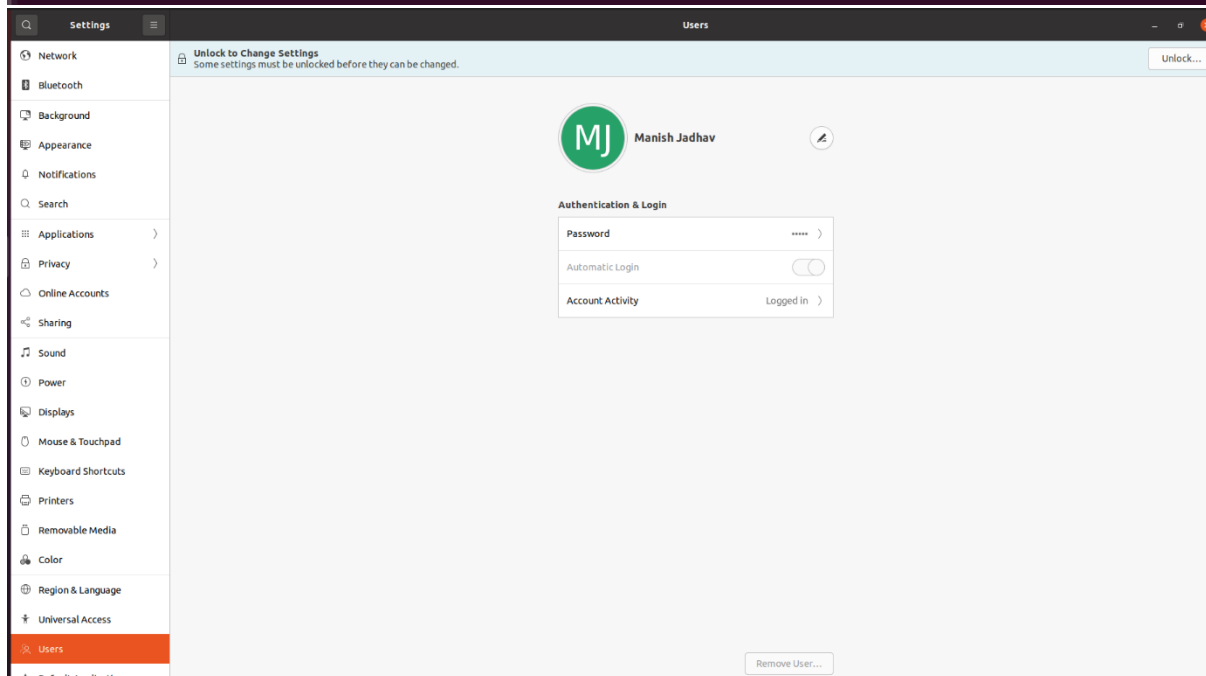


6. Change Username:

```
manish28@ubuntu:~$ sudo usermod -l leocor manishjadhav
[sudo] password for manish28:
manish28@ubuntu:~$
```

7. Delete User:

```
manish28@ubuntu:~$ sudo deluser --remove-home leocor
[sudo] password for manish28:
Looking for files to backup/remove ...
Removing files ...
Removing user `leocor' ...
Done.
manish28@ubuntu:~$
```

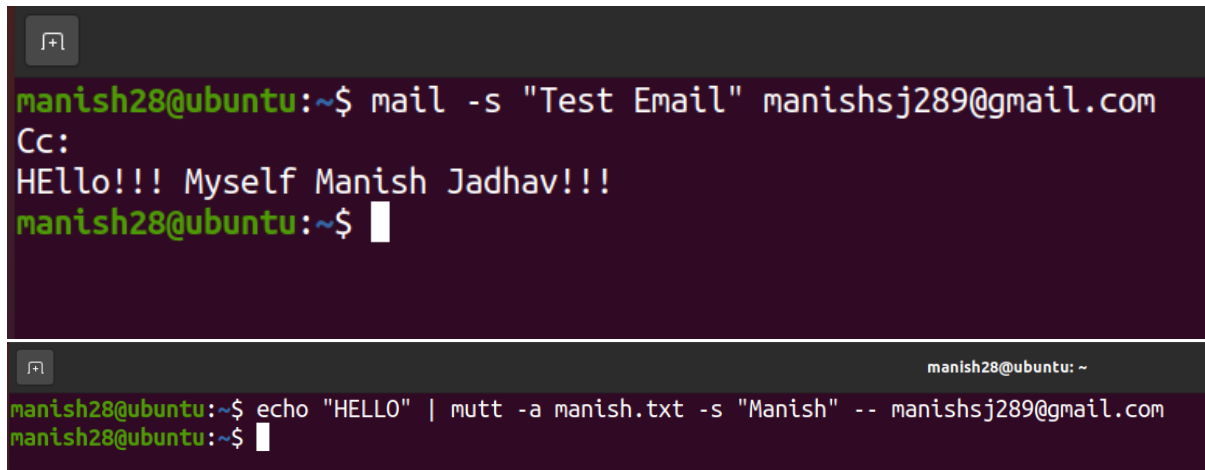


8. To check Quota:

```
manish28@ubuntu:~$ quota -VS
Quota utilities version 4.05.
Compiled with: USE_LDAP_MAIL_LOOKUP EXT2_DIRECT HOSTS_ACCESS RPC RPC_SETQUOTA BSD_BEHAVIOUR
Bugs to jack@suse.cz
manish28@ubuntu:~$
```

```
manish28@ubuntu:~$ du ./
4      ./Templates
4      ./cache/mozilla/firefox/2g4e1uhn.default
4      ./cache/mozilla/firefox/4csdk90i.default-release/cache2/doomed
8      ./cache/mozilla/firefox/4csdk90i.default-release/cache2/trash1642253724
8      ./cache/mozilla/firefox/4csdk90i.default-release/cache2/trash116193500
1184   ./cache/mozilla/firefox/4csdk90i.default-release/cache2/entries
1208   ./cache/mozilla/firefox/4csdk90i.default-release/cache2
4      ./cache/mozilla/firefox/4csdk90i.default-release/safebrowsing/google4
448    ./cache/mozilla/firefox/4csdk90i.default-release/safebrowsing
21532  ./cache/mozilla/firefox/4csdk90i.default-release/startupCache
12     ./cache/mozilla/firefox/4csdk90i.default-release/settings/main/ms-language-packs/browser/newtab
16     ./cache/mozilla/firefox/4csdk90i.default-release/settings/main/ms-language-packs/browser
20     ./cache/mozilla/firefox/4csdk90i.default-release/settings/main/ms-language-packs
24     ./cache/mozilla/firefox/4csdk90i.default-release/settings/main
28     ./cache/mozilla/firefox/4csdk90i.default-release/settings
4      ./cache/mozilla/firefox/4csdk90i.default-release/thumbnails
23224  ./cache/mozilla/firefox/4csdk90i.default-release
23232  ./cache/mozilla/firefox
23236  ./cache/mozilla
8      ./cache/ubuntu-report
12     ./cache/fontconfig
4      ./cache/obexd
4      ./cache/ibus-table
4      ./cache/yelp/WebKitCache/Version 16/Blobs
12     ./cache/yelp/WebKitCache/Version 16
16     ./cache/yelp/WebKitCache
20     ./cache/yelp
7308   ./cache/tracker
20     ./cache/ibus/bus
24     ./cache/ibus
12     ./cache/update-manager-core
4      ./cache/evolution/memos/trash
8      ./cache/evolution/memos
4      ./cache/evolution/tasks/trash
8      ./cache/evolution/tasks
4      ./cache/evolution/calendar/trash
8      ./cache/evolution/calendar
4      ./cache/evolution/addressbook/trash
```

```
manish28@ubuntu:~$ du ./Pictures
1352   ./Pictures
manish28@ubuntu:~$ du -sh ./Pictures
1.4M   ./Pictures
manish28@ubuntu:~$
```

9. To send mail:

```
manish28@ubuntu:~$ mail -s "Test Email" manishsj289@gmail.com
Cc:
Hello!!! Myself Manish Jadhav!!!
manish28@ubuntu:~$

manish28@ubuntu:~$ echo "HELLO" | mutt -a manish.txt -s "Manish" -- manishsj289@gmail.com
manish28@ubuntu:~$
```

Practical Performance (4)	Writeup & Oral (4)	Attendance (2)	Total (10)