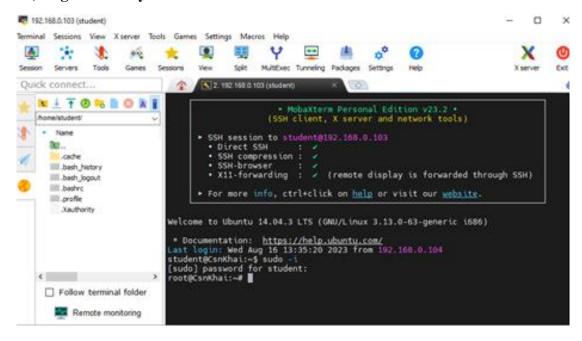
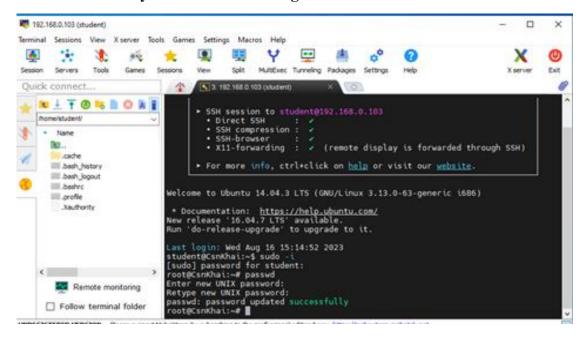
1) Log in to the system as root.



2) Use the passwd command to change the password. Examine the basic parameters of the command. What system file does it change \*?

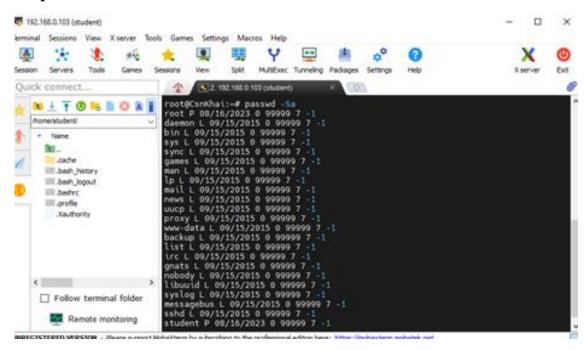


Passwd is a command for managing user passwords. It modifies the /etc/passwd file.

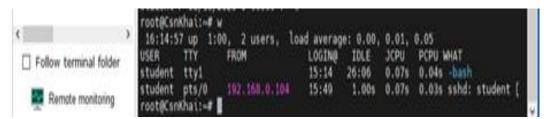
# 3) Determine the users registered in the system, as well as what commands they execute. What additional information can be gleaned from the command execution?

Using *passwd* to display information about all users:

## :~# passwd -Sa



Use the w command to identify processes that users are running:



WHAT - current processes and commands that the user under a specific account is running.

**USER** - is the name of the account.

**TTY** - is the name of the terminal.

**FROM** - is the hostname or IP address from which the user logged in with a particular account.

**LOGIN** - the time when this or that account was registered in the system for the first time since the machine was turned on.

**IDLE** - the time when the user was active from a specific account.

**JCPU** is the time used by all processes running in the tty terminal.

**PCPU** - the time used by the current process (which one - you can see in the WHAT column).

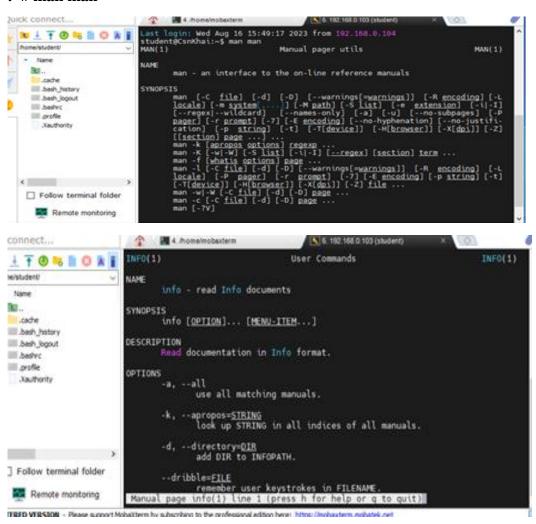
4) Change personal information about yourself.

#### :~# chfn -f "Anna Zalevska" student

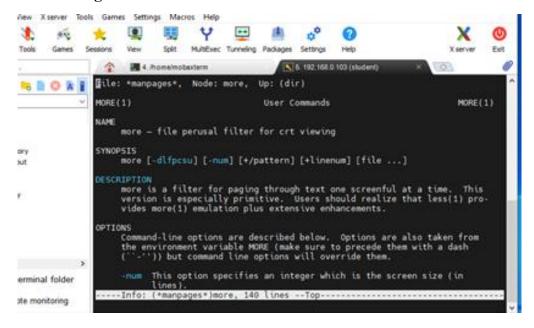
```
root@CsnKhai:/home/student# chfn -f "Anna Zalevska" student
root@CsnKhai:/home/student# finger student
Login: student
Directory: /home/student Shell: /bin/bash
On since Wed Aug 16 23:14 (UTC) on ttyl 26 minutes 15 seconds idle
(messages off)
On since Wed Aug 16 20:43 (UTC) on pts/0 from 192.168.0.104
1 second idle
(messages off)
No mail.
```

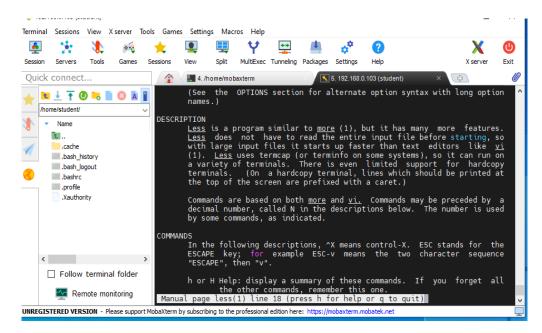
5) Become familiar with the Linux help system and the man and info commands. Get help on the previously discussed commands, define and describe any two keys for these commands. Give examples.

#### :~# man man



6) Explore the more and less commands using the help system. View the contents of files .bash\* using commands.





Using the command **find** to search for files .bash\*:

## :~# find / -name "\*.bash" 2 > /dev/null



View the contents of files .bash\* using commands more and less:

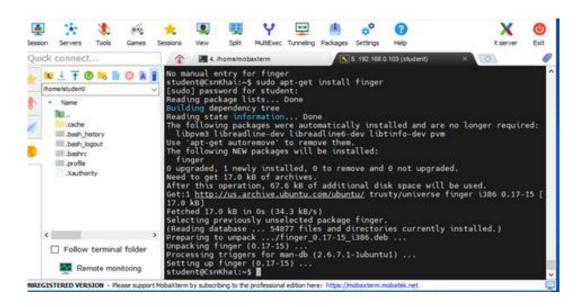
```
uick connect...
                                                 4 /homelmobaxterm
                                                   f [ $7 != 0 ] ; then echo "Terminating..." >62 ; exit 1 ; fi
    NITOBBOXI
                                                # Note the quotes around "$TEMP": they are essential! eval set -- "$TEMP"
       Bu ..
                                                   hile true ; do
case "$1" in
         cache
                                                                              "in
-a|-a-long) echo "Option a"; shift;
-b|-b-long) echo "Option b, argument \`$2""; shift 2;;
-c|-c-long)

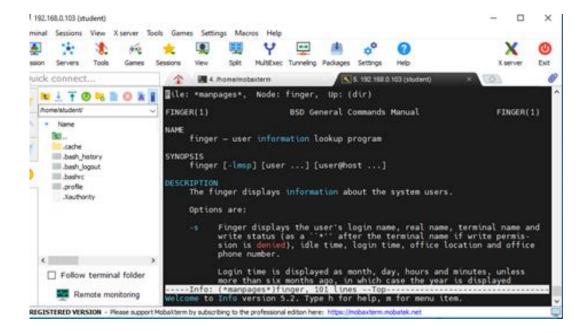
# c has an optional argument. As we are in quoted mode,
# an empty parameter will be generated if its optional
# argument is not found.
case "$2"
) echo "Option c, no argument"; shift 2;;

*) echo "Option c, argument \`$2""; shift 2;;

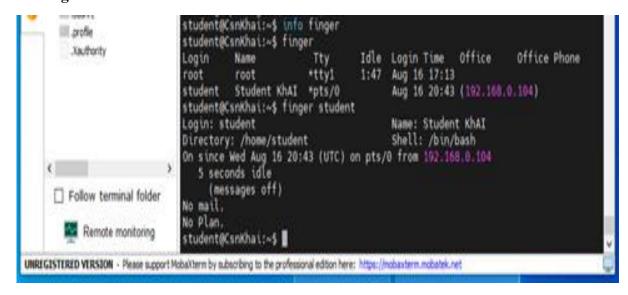
*)
       illi bash history
        .bash_logout
       .profile
          Xauthority
                                                                              esac ;;
--) shift ; break ;;
*) echo "Internal error!" ; exit 1 ;;
  6
     ☐ Follow terminal folder
                                                   cho "Remaining arguments:"
for arg do echo '--> '"\ $arg'" ; done
         Remote monitoring
                                                (END)
REGISTERED VERSION - Please aupoort Mobal/Jerm by aubscribing to the professional edition here: https://mobal/serm.mobalini.net
```

7) \* Describe in plans that you are working on laboratory work 1. Tip: You should read the documentation for the finger command.





#### :~# finger student



# :~# echo "I am working on laboratory work 1" > .plan

```
root@CsnKhai:/home/student# chfn -f "Anna Zalevska" student
 .bash_logout
                           root@CsnKhai:/home/student# finger student
 .bashrc
                           Login: student
                                                                      Name: Anna Zalevska
 .profile
                          Directory: /home/student
                                                                      Shell: /bin/bash
 Xauthority
                           On since Wed Aug 16 23:14 (UTC) on ttyl
                                                                         26 minutes 15 seconds idle
                           (messages off)
On since Wed Aug 16 20:43 (UTC) on pts/0 from 192.168.0.104
                              1 second idle
                                (messages off)
                           No mail.
                          Plan:
                          I am working on laboratory work 1
                           root@CsnKhai:/home/student# ls -a
Follow terminal folder
                               .bash_history .bashrc .plan
                                                                    .Xauthority
                                                         .profile
                           ....bash_logout .cache .root@CsnKhai:/home/student#
  Remote monitoring
```

8) \* List the contents of the home directory using the ls command, define its files and directories. Hint: Use the help system to familiarize yourself with the ls command.

```
root@CsnKhai:/home/student# chfn - T "Anna Zalevska" student
 .bash_logout
                          root@CsnKhai:/home/student# finger student
 .bashyc
                          Login: student
                                                                    Name: Anna Zalevska
 .profile
                          Directory: /home/student
                                                                    Shell: /bin/bash
 Xauthority
                          On since Wed Aug 16 23:14 (UTC) on tty1 26 minutes 15 seconds idle
                               (messages off)
                             since Wed Aug 16 20:43 (UTC) on pts/0 from 192.168.0.104
                             1 second idle
                          (Messages off)
No mail.
                          Plan:
                          I am working on laboratory work 1
                          root@CsnKhai:/home/student# ls ->
Follow terminal folder
                               bash history bashro plan
bash logout cache prof
                                                                  .Xauthority
                                                        .profile
  Remote monitoring
                          root@CsnKhai:/home/student#
```