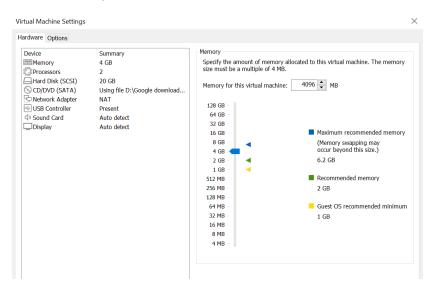
Name: Maira Malik

Reg.no: 2023-BSE-040

Subject: Cloud Computing

Lab # 04

Task 1: Verify VM resources in VMware



Task 2: Start VM and log in (use your preferred host terminal method only)

```
Microsoft Windows [Version 10.0.19045.6216]
(c) Microsoft Corporation. All rights reserved.

C:\Users\BOSS>ssh maira040@192.168.238.129
maira040@192.168.238.129's password:
welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.8.0-71-generic x86_64)

* Documentation: https://help.ubuntu.com
    * Management: https://landscape.canonical.com
    * Support: https://landscape.canonical.com
    * System information as of Thu Oct 23 01:08:32 PM UTC 2025

System load: 0.0 Processes: 214
    Usage of /: 45.4% of 9.756B Users logged in: 1
    Memory usage: 8% IPv4 address for ens33: 192.168.238.129
    Swap usage: 0%

Expanded Security Maintenance for Applications is not enabled.
0 updates can be applied immediately.
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Last login: Fri Sep 26 16:43:32 2025 from 192.168.238.1
maira040@ubuntu64:~$
```

maira040@ubuntu64:~\$ whoami

2. maira040
maira040@ubuntu64:~\$ pwd
/home/maira040
maira040@ubuntu64:~\$

Task 3: Filesystem exploration — root tree and dotfil

```
2. maira040@ubuntu64:~$ ls -la /bin lrwxrwxrwx 1 root root 7 Apr 22 2024 /bin -> usr/bin
```

```
3. maira040@ubuntu64:~$ ls -la /sbin lrwxrwxrwx 1 root root 8 Apr 22 2024 /sbin -> usr/sbin
```

```
irwxrwxrwx 1 root root 8 Apr 22 2024 /spin ->
maira040@ubuntu64:~$ ls -la /usr
4.
          total 96
                         12 root root
                                          4096 Aug 5 16:54
          drwxr-xr-x
          drwxr-xr-x 23 root root
                                         4096 Sep 26 16:29
                        2 root root 36864 Sep 26 16:37
2 root root 4096 Apr 22 2024
          drwxr-xr-x
          drwxr-xr-x
          drwxr-xr-x 33 root root
drwxr-xr-x 78 root root
                                          4096 Sep 26 16:28
                                          4096 Sep 26 16:29
                        2 root root
11 root root
                                          4096 Aug 5 17:01
          drwxr-xr-x
                                          4096 Sep 26 16:29
4096 Aug 5 16:54
          driixr-xr-x
          drwxr-xr-x 10 root root
                                          4096 Aug
          drwxr-xr-x
                                        20480 Sep 26
          drwxr-xr-x 124 root root
                                          4096 Sep 26 16:29
          drwxr-xr-x 4 root root
                                          4096 Sep 26 16:29
```

```
maira040@ubuntu64:~$ ls -la /opt
total 8
drwxr-xr-x 2 root root 4096 Aug 5 16:54 .
drwxr-xr-x 23 root root 4096 Sep 26 16:29 ...
maira040@ubuntu64:~$
```

6.

```
1 root
1 root
7.
              crw-rw----
                                            dialout
                               1 root
1 root
                                            dialout
              crw-rw----
                                            dialout
                                root
root
                                            dialout
dialout
              crw-rw----
              crw-rw----
                               1 root
1 root
                                            dialout
dialout
              crw-rw----
              crw-rw----
                                root
              drwxr-xr-x
                               2 root
1 root
                                            root
kvm
              crw-rw----
                                root
root
                                            root
root
              crw-rw-rw-
                                root
root
                                            root
tty
              crw-rw----
                                            tty
tty
tty
              crw-rw----
              сгш-гш----
                                root
                                            tty
tty
tty
tty
tty
              crw-rw----
                                root
                                root
                              1 root
1 root
              crw-rw----
              crw-rw----
```

```
maira040@ubuntu64:~% ls -la ~

total 36
drwxr-xr--- 5 maira040 maira040 4096 Oct 23 13:22 .
drwxr-xr-- 1 maira040 maira040 271 Oct 23 13:22 answers.md
-rw-ru-r-- 1 maira040 maira040 220 Mar 31 2024 .bash_logout
-rw-r-r-- 1 maira040 maira040 3771 Mar 31 2024 .bashrc
drwxr-xr-- 2 maira040 maira040 4096 Sep 26 16:33 .cache
drwxrwxr-x 3 maira040 maira040 4096 Sep 26 16:33 .cache
drwxrwxr-x 3 maira040 maira040 4096 Oct 23 13:17 .local
-rw-r-r-- 1 maira040 maira040 807 Mar 31 2024 .profile
drwx----- 2 maira040 maira040 4096 Sep 26 16:32 .ssh
-rw-r-r-- 1 maira040 maira040 4096 Sep 26 16:32 .ssh
-rw-r-r-- 1 maira040 maira040 4096 Sep 26 16:32 .ssh
-maira040@ubuntu64:~$
```

maira040@ubuntu64:~\$ cat answers.md

In linux, /bin holds essential system commands, /usr/bin contains most user-installed programs, and /usr/local/bin stores manually installed software. This sepe ration keeps system tools, package-managed apps, and user-added programs organized and safe from overwriting.

maira040@ubuntu64:~\$ _

Task 4: Essential CLI tasks — navigation and file operations

- naira040@ubuntu64:~\$ mkdir -p ~lab4/workspace/python_project
 maira040@ubuntu64:~\$
- 2. maira040@ubuntu64:~\$ cd ~/lab4/workspace/python_project maira040@ubuntu64:~/lab4/workspace/python_project\$ _
- maira040@ubuntu64:~/lab4/workspace/python_project\$ pwd/home/maira040/lab4/workspace/python_project
- 4. GNU nano 7.2 Lab 4 README
- 5. GNU nano 7.2
 print ("hello Lab4")

```
6. GNU nano 7.2
ENV=lab4_
```

```
8. maira040@ubuntu64:~/lab4/workspace/python_project$ cp README.md README.copy.md maira040@ubuntu64:~/lab4/workspace/python_project$
```

```
9. maira040@ubuntu64: //ab4/workspace/python_project$ cp REHDME.copy.md README.copy.md maira040@ubuntu64:~/lab4/workspace/python_project$ mv README.copy.md README.dev.md maira040@ubuntu64:~/lab4/workspace/python_project$
```

maira040@ubuntu64:~/lab4/workspace/python_project\$ rm README.dev.md maira040@ubuntu64:~/lab4/workspace/python_project\$

11. maira040@ubuntu64:~/lab4/workspace/python_project\$ mkdir -p ~/lab4/workspace/java_app maira040@ubuntu64:~/lab4/workspace/python_project\$

maira040@ubuntu64:~/lab4/workspace/python_project\$ cp -r ~/lab4/workspace/python_project ~/lab4/workspace/java_app_copy maira040@ubuntu64:~/lab4/workspace/python_project\$

```
maira040@ubuntu64:~/lab4/workspace/python_project$ ls -la ~/lab4/workspace
total 20
drwxrwxr-x 5 maira040 maira040 4096 Oct 23 13:51 .
drwxrwxr-x 3 maira040 maira040 4096 Oct 23 13:39 ..
drwxrwxr-x 2 maira040 maira040 4096 Oct 23 13:50 java_app
drwxrwxr-x 2 maira040 maira040 4096 Oct 23 13:51 java_app_copy
drwxrwxr-x 2 maira040 maira040 4096 Oct 23 13:51 java_app_copy
drwxrwxr-x 2 maira040 maira040 4096 Oct 23 13:48 python_project
maira040@ubuntu64:~/lab4/workspace/python_project$____
```

2 | s - la / bin | d | s - la / cot | d | s - la /

Task 5: System info, resources & processes:

1. maira040@ubuntu64:~/lab4/workspace/python_project\$ uname -a
Linux ubuntu64 6.8.0-71-generic #71-Ubuntu SMP PREEMPT_DYNAMIC Tue Jul 22 16:52:38 UTC 2025 x86_64 x86_64 x86_64 GNU/Linux
maira040@ubuntu64:~/lab4/workspace/python_project\$

```
apicid : 0
Initial apicid : 0
Inguesception : yes
full exception : yes
could level : 22
up : yes
flags : fpu whe de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pst pse86 clflush mmx fxsr sse sse2 ss syscall nx pdb
arch_perform non! xtopology tsc_reliable monston_tsc_cpuld tsc_innon_free pni pclmulody wnx sse26 fms cx16 pcid sse4_i sse4_i 2xapic
innocld redseed and smap clflushedr exacency state variety with under a first flush. It arch_capabilities
Innocld redseed and smap clflushedr exacency state variety was variety with under a first flush. It arch_capabilities
Innocld redseed and smap clflushedr exacency state variety was variety with under a first flush. It arch_capabilities
Innocld redseed and smap clflushedr exacency tsate variety was variety with under a first flush. It arch_capabilities
Innocld redseed and smap clflushedr exacency tsate variety was variety was variety and under state. It arch_capabilities
Innocld redseed and smap clflushedr exacency variety spec_tstre_ypass litf mds swapgs litlb_multihit srbds mmio_stale_data retbleed go
clflush size : 64
address size : 45 bits physical, 40 bits virtual
pouch management:

processor : 1
vendor_id : 6emilineIntel
cpu family : 6
model name : Intel(R) Core(TM) is-835eU CPU 0 1,70GHz
tempoling : 10
microcode : 0x44
cpu MHz : 1895.0e1
cache size : 6144 KB
physical id : 2
size id : 3
size id : 2
size id : 3
size id : 4
size id :
```

```
3.
        maira040@ubuntu64:~$ free -h
                                                  free
                        total
                                     used
                                                            shared buff/cache
                                                                                  available
                                    501Mi
                                                 3.2Gi
                                                             1.5Mi
                                                                          335Mi
        Mem:
                        3.8Gi
                                                                                      3.3Gi
        Swap:
                        1.9Gi
                                       ØB
                                                 1.9Gi
        maira040@ubuntu64:~$
```

```
maira040@ubuntu64:~$ df -h
4.
                                                 Used Avail Use% Mounted on
       Filesystem
       tmpfs
                                           387M
                                                 1.5M
                                                      386M
                                                              1% /run
                                                             49% /
       /dev/mapper/ubuntu--vg-ubuntu--lv
                                           9.8G
                                                 4.5G
                                                       4.8G
       tmpfs
                                                       1.9G
                                                              0% /dev/shm
                                           1.9G
       tmpfs
                                           5.0M
                                                       5.0M
                                                              0% /run/lock
       /dev/sda2
                                           1.8G
                                                 100M
                                                       1.6G
                                                               7% /boot
       tmpfs
                                           387M
                                                       387M
                                                               1% /run/user/1000
       maira040@ubuntu64:~$
```

```
maira040@ubuntu64:~$ cat /etc/os-release

PRETTY_NAME="Ubuntu 24.04.3 LTS"

NAME="Ubuntu"

VERSION_ID="24.04"

VERSION_ID="24.04.3 LTS (Noble Numbat)"

VERSION_CODENAME=noble

ID=ubuntu

ID_LIKE=debian

HOME_URL="https://www.ubuntu.com/"

SUPPORT_URL="https://bugs.launchpad.net/ubuntu/"

PRIVACY_POLICY_URL="https://www.ubuntu.com/legal/terms-and-policies/privacy-policy"

UBUNTU_CODENAME=noble

LOGO=ubuntu-logo

maira040@ubuntu64:~$
```

```
0:00 /usr/lib/systemd/systemd-
0:00 /usr/lib/systemd/systemd-
0:00 /usr/lib/systemd/systemd-
                                                                                                                                                                                                                                                                                                                  0:00 /usr/lib/systemd/systemd-t
0:00 /usr/lib/systemd/systemd-t
0:00 [kworker/R-cfg80]
0:00 /usr/bin/VGAuthService
0:07 /usr/bin/vmtoolsd
0:00 [irq/57-vmw_vmci]
0:00 [irq/58-vmw_vmci]
0:00 [irq/58-vmw_vmci]
0:00 @dbus-daemon --system --ad
0:00 /usr/lib/polkit-1/polkit-
0:00 /usr/lib/systemd/systemd-l
0:00 /usr/lib/systemd/systemd-l
0:00 /usr/lib/systemd/systemd-l
0:00 /usr/bin/python3 /usr/shin/
0:00 /usr/sbin/hodemManager
0:00 [irq/16-vmwgfx]
0:00 [kworker/R-ttm]
0:00 /usr/sbin/cron -f -P
                                                                                                                          0.0
0.0
                                                                                                                                                                    0 0
53464 12032
                                                                                                                                                                                                                                                                                     13:02
13:02
13:02
13:02
13:02
13:02
13:02
13:02
13:02
13:02
6.
                                                                                                                          0.2
0.0
                                                                                                                                              0.2 242132
0.0 0
                                                                                                                                              0.0 0 0 0 ?
0.0 0 0 ?
0.1 9808 5376 ?
0.1 308164 7808 ?
0.2 18144 8704 ?
                                                    root
root
                                                                                                                         0.0
0.0
                                                                                                                         0.0
0.0
0.0
                                                   root
root
root
                                                                                                                                                                468988 13440
109660 23040
                                                                                                                                                                                                                                                                                     13:02
13:02
13:02
13:02
                                                                                                                          0.0
                                                                                                                                                0.1 222508 6016
0.3 392092 12800
                                                                                                                                                                                                                16 ?
00 ?
0 ?
0 ?
                                                                                                         899
901
                                                                                                                           0.0
                                                                                                                                                0.0
                                                                                                                                                                                                                                                                                                                                              /usr/sbin/cron -f -P
```

Task 6: Users and account verification (no sudo group change)

```
Isudol password for maira040:

[sudol password for maira040:

info: Adding user lab4user' ...

info: Selecting UID/GID from range 1000 to 59999 ...

info: Selecting UID/GID from range 1000 to 59999 ...

info: Adding new group lab4user' (1001) ...

info: Adding new user lab4user' (1001) with group lab4user (1001)' ...

info: Creating home directory 'home/lab4user' ...

info: Copying files from '/etc/skel' ...

New password:

Retype new password updated successfully

Changing the user information for lab4user

Enter the new value, or press ENTER for the default

Full Name []: lab4user

Room Number []: 2

Work Phone []: 0300

Home Phone []: 0316

Other []: 0400

Is the information correct? [Y/n] y

info: Adding new user lab4user' to supplemental / extra groups `users' ...

maira0400ubuntu64:*$
```

```
2. maira040@ubuntu64:~$ getent passwd lab4user lab4user:x:1001:1001:lab4user,2,0300,0316,0400:/home/lab4user:/bin/bash
```

```
maira040@ubuntu64:~$ su - lab4user
Password:
lab4user@ubuntu64:~$ _
```

lab4user@ubuntu64:~\$ sudo whoami
[sudo] password for lab4user:
lab4user is not in the sudoers file.
lab4user@ubuntu64:~\$

```
5. maira040@ubuntu64:~$
```

```
6. maira040@ubuntu64:~$ sudo deluser --remove-home lab4user info: Looking for files to backup/remove ... info: Removing files ... info: Removing crontab ... info: Removing user `lab4user' ... maira040@ubuntu64:~$
```

```
I. GNU nano 7.2

#!/bin/bash
echo "Lab 4 demo: current user is $(whoami)"
echo "Current time: $(date)"
uptime
free -h_
```

maira040@ubuntu64:~\$ chmod +x ~/lab4/workspace/run-demo.sh maira040@ubuntu64:~\$ _

```
maira040@ubuntu64:~$ ~/lab4/workspace/run-demo.sh
Lab 4 demo: current user is maira040
Current time: Thu Oct 23 02:18:26 PM UTC 2025
14:18:26 up 1:16, 2 users, load average: 0.00, 0.00, 0.00
total used free shared buff/cache available
Mem: 3.8Gi 491Mi 3.2Gi 1.5Mi 348Mi 3.3Gi
Swap: 1.9Gi 0B 1.9Gi
maira040@ubuntu64:~$
```

Exam Evaluation Questions:

Question 1:

```
maira040@ubuntu64:~$ whoami
maira040
maira040@ubuntu64:~$ pwd
/home/maira040
maira040@ubuntu64:~$
```

```
Ubuntu 24.04.3 LTS ubuntu64 tty1

ubuntu64 login: maira040
Password:
Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.8.0-71-generic x86_64)

* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/pro

System information as of Thu Oct 23 01:04:11 PM UTC 2025

System load: 0.08
Usage of /: 45.3% of 9.75GB
Users logged in: 0
Memory usage: 7%
Swap usage: 0%

Expanded Security Maintenance for Applications is not enabled.
0 updates can be applied immediately.
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update
maira040@ubuntu64:~$
```

Ouestion 2:

```
maira040@ubuntu64:~$ cat /etc/os-release
PRETTY_NAME="Ubuntu 24.04.3 LTS"
NAME="Ubuntu"
VERSION_ID="24.04"
VERSION="24.04.3 LTS (Noble Numbat)"
VERSION_CODENAME=noble
ID=ubuntu
ID_LIKE=debian
HOME_URL="https://www.ubuntu.com/"
SUPPORT_URL="https://help.ubuntu.com/"
BUG_REPORT_URL="https://bugs.launchpad.net/ubuntu/"
PRIVACY_POLICY_URL="https://www.ubuntu.com/legal/terms-and-policies/privacy-policy"
UBUNTU_CODENAME=noble
LOGO=ubuntu-logo
maira040@ubuntu64:~$
```

```
maira040@ubuntu64:~$ ls -a ~
. . . answers.md .bash_logout .bashrc .cache '~lab4' lab4 .local .profile .ssh
maira040@ubuntu64:~$
```

maira040@ubuntu64:~\$ cat answers.md

In linux, /bin holds essential system commands, /usr/bin contains most user-installed programs, and /usr/local/bin stores manually installed software. This seperation keeps system tools, package-managed apps, and user-added programs organized and safe from overwriting.

maira040@ubuntu64:~\$ _ 4.

Question 3:

maira040@ubuntu64:^/lab4/workspace/python_project\$ uname -a Linux ubuntu64 6.8.0-71-generic #71-Ubuntu SMP PREEMPT_DYNAMIC Tue Jul 22 16:52:38 UTC 2025 x86_64 x86_64 x86_64 GNU/Linux 1. maira040@ubuntu64:~/lab4/workspace/python_project\$

```
Initial apicid : 0

fpu_exception : yes

fpu_exception : yes

fpu_exception : yes

fpu_exception : yes

cpuid level : 22

mathematical service of the process of the proces
2.
                                                                                                                                            processor
vendor_id
cpu family
model
model name
stepping
microcode
cpu MH2
cache size
physical id
siblings
core id
cpu cores
                                                                                                                                                                                                                                                                                              : 5

: 142

: Intel(R) Care(TM) i5-8350U CPU @ 1.70GHz

: 05-b4

: 1896.001

: 6144 KB
                                                                                                                                    initial apicid :2

fpu : yes

fpu_exception : yes

cpuid level :22

up : yes

flags : fpu me de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ss syscall nx pdp:

arch_perfmon nopl xtopology tsc_reliable nonstop_tsc cpuid tsc_known_freq pni pclmwlodu wmx ssse3 fma cx16 pcid sse4_1 sse4_2 x2epic

timer aes save avx fibc rdrand hypervisor lahf_lm abm 3dnowperfetch pti ssbd lors lbb stlbp trp.shadow ept vpid ept.ad fsgsbase tsc_
invocid rdseed adx smap clflushopt xsaveopt xsavec xgetbv1 xsaves arat vnmi md_clear flush_ltd arch_capabilities

vmx flags : vnmi invpvid ept.x_only ept.ad tsc_offset vtpr mtf ept vpid unresticted_guest ple ept_mode_based_exec

bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass litf mds swapgs itlb_multihit srbds mmio_stale_data retbleed gv

clflush size : 64

cache_allgment : 64

address sizes : 45 bits physical, 48 bits virtual

power management:
                                                                                                                                                    maira040@ubuntu64:~$
```

```
0:00 /usr/lib/systemd/systemd-r
0:00 /usr/lib/systemd/systemd-r
0:00 /usr/lib/systemd/systemd-r
0:00 /usr/lib/systemd/systemd-t
0:00 [kworker/R-cfg00]
0:00 [vsr/bin/VGAuthService
0:07 /usr/bin/Vmtoolsd
0:00 [irq/57-vmw_vmci]
0:00 [irq/58-vmw_vmci]
0:00 [irq/59-vmw_vmci]
0:00 [usr/59-vmw_vmci]
0:00 [usr/lib/systemd-system --ad
0:00 /usr/lib/systemd/systemd-l
0:00 /usr/lib/systemd/systemd-l
0:00 /usr/lib/systemd/systemd-l
0:00 /usr/bin/python3 /usr/shan
0:00 /usr/sbin/ModemManager
0:00 [irq/16-vmwgfx]
0:00 [kworker/R-ttm]
0:00 /usr/sbin/cron -f -P
0:00 /bin/login -p --
                                                                                                                                                                                   645 0.0 0.2 19088 9472 7
660 0.0 0.3 21580 12800 7
667 0.0 0.1 91024 7808 7
731 0.0 0.0 0 0 0 7
750 0.0 0.3 53464 12032 7
751 0.2 0.2 242132 9216 7
765 0.0 0.0 0 0 0 7
767 0.0 0.0 0 0 0 7
767 0.0 0.0 0 0 0 7
803 0.0 0.1 9808 5376 7
827 0.0 0.1 9808 5376 7
827 0.0 0.2 18144 8704 7
852 0.0 0.3 468988 13440 7
852 0.0 0.5 109660 23040 7
856 0.0 0.1 222508 6016 7
872 0.0 0.3 468988 13440 7
852 0.0 0.5 109660 23040 7
856 0.0 0.1 222508 6016 7
872 0.0 0.3 346938 13440 7
859 0.0 0.0 0 0 0 7
991 0.0 0.0 0 0 0 7
991 0.0 0.0 0 0 0 7
901 0.0 0.0 66824 2668 7
1063 0.0 0.1 6948 4736 tt
                                                                                        systemd+
systemd+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          13:02
13:02
                                                                                     root
root
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          13:02
13:02
                                                                                     root
root
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            13:02
13:02
3.
                                                                                      root
root
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            13:02
13:02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            13:02
13:02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ss
Ssl
Ssl
                                                                                     root
root
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          13:02
13:02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            13:02
                                                                                        root
                                                                                        syslog
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ssl
Ssl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          13:02
13:02
                                                                                                                                                                                 899
901
1005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            13:02
13:02
                                                                                        root
                                                                                                                                                                                                                                                                                                                   6824
6948
                                                                                                                                                                                                                                                                                                                                                                  2688
4736
```

Ouestion 4:

```
maira040@ubuntu64:~$ sudo adduser lab4user
[sudo] password for maira040:
info: Adding user `lab4user' ...
info: Selecting UID/GID from range 1000 to 59999 ...
info: Adding new group `lab4user' (1001) ...
info: Adding new user `lab4user' (1001) with group `lab4user (1001)' ...
info: Creating home directory `/home/lab4user' ...
info: Copying files from `/etc/skel' ...
New nassword:
1.
                                                  New password:
Retype new password:
                                               Retype new password:
password updated successfully
Changing the user information for labduser
Enter the new value, or press ENTER for the default
Full Name []: labduser
Room Number []: 2
Work Phone []: 0300
Home Phone []: 0316
Other []: 0400
Is the information correct? [Y/n] y
info: Adding new user `labduser' to supplemental / extra groups `users' ...
maira0400ubuntu64:°$
```

```
2. maira040@ubuntu64:~$ getent passwd lab4user lab4user:x:1001:1001:lab4user,2,0300,0316,0400:/home/lab4user:/bin/bash
```

3. maira040@ubuntu64:~\$ su - lab4user
Password:
lab4user@ubuntu64:~\$ _

lab4user@ubuntu64:~\$ sudo whoami [sudo] password for lab4user: lab4user is not in the sudoers file. lab4user@ubuntu64:~\$

maira040@ubuntu64:~\$ 5.

6. maira040@ubuntu64:~\$ sudo deluser --remove-home lab4user info: Looking for files to backup/remove ... info: Removing files ... info: Removing crontab ... info: Removing user `lab4user' ... maira040@ubuntu64:~\$