

## Department of Computer Science California State University, Channel Islands

COMP-524: Security

Lab Report

Lab Number: 1

Lab Topic: <u>Lab System Setup and Prerequisite</u>

<u>Materials</u>

Student Name: Sandipta Subir Khare

Student Major: Computer Science

## **TASK-01: Virtual Machine Installation and Setup**

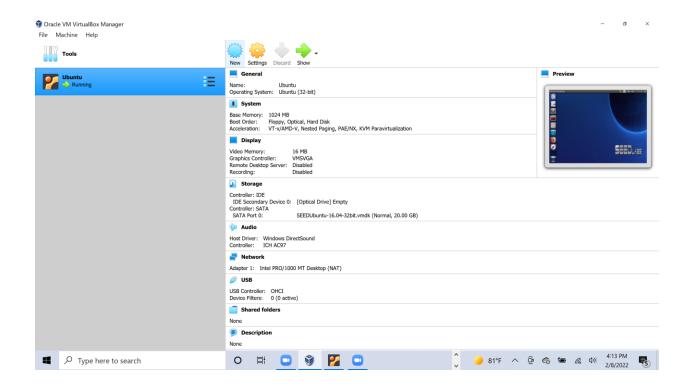
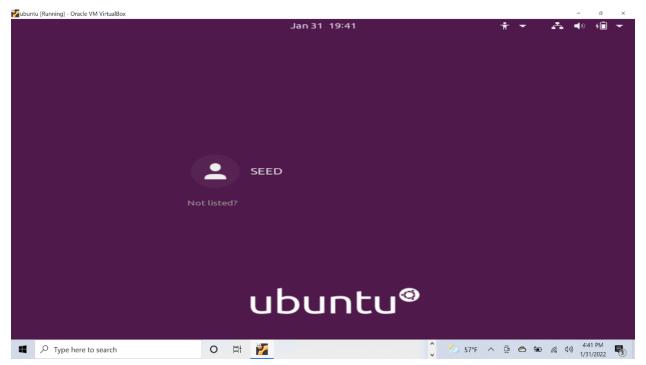


Fig 1.1



**Fig 1.2** 



**Fig 1.3** 



Fig 1.4

## **TASK-02: Review of Basic Linux Commands and Tools**

## **Task-03: Review of C Programming Language**

**Step-01:** I opened terminal in Ubuntu and write 2 commands which is shown in Fig 1.5.

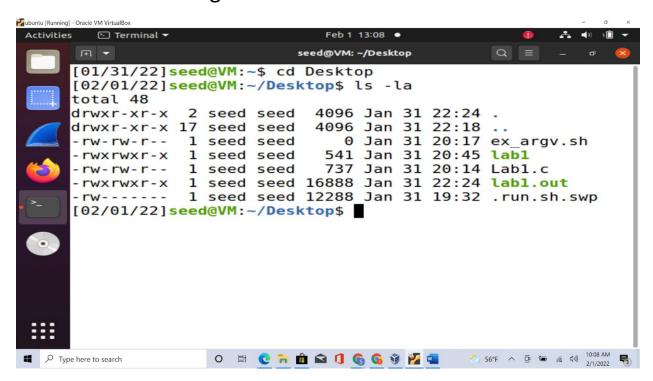
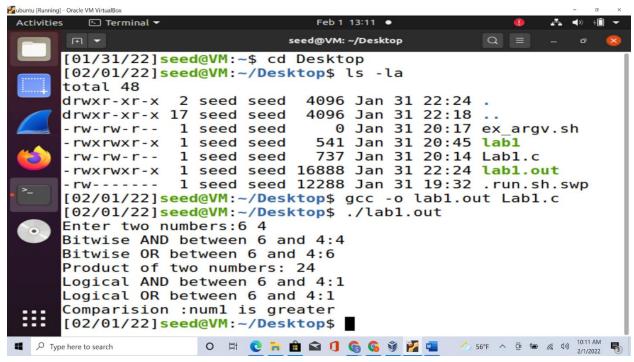


Fig 1.5

**Step-02:** After executing above two commands, I execute two more commands which are written as follows and shown in Fig 1.6:

"gcc -o lab1.out Lab1.c"

"./lab1.out"



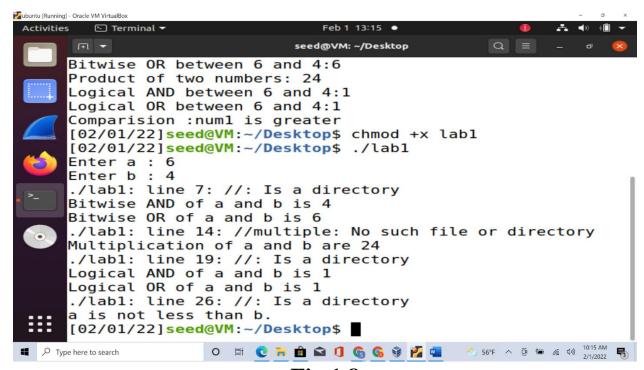
**Fig 1.6** 

In Fig 1.7 you will see Hidden and Unhidden Files.

```
total 48
                          4096 Jan 31 22:24
drwxr-xr-x
            2 seed seed
                          4096 Jan 31 22:18
drwxr-xr-x 17 seed seed
                             0 Jan 31 20:17 ex argv.sh
- rw-rw-r--
            1 seed seed
            1 seed seed
                           541 Jan 31 20:45
- rwxrwxr-x
                           737 Jan 31 20:14 Lab1.c
            1 seed seed
- rw-rw-r--
-rwxrwxr-x 1 seed seed 16888 Jan 31 22:24 lab1.out
           1 seed seed 12288 Jan 31 19:32 .run.sh.swp
- rw-----
                         Fig 1.7
```

**Step-03:** I have changed the permission of file (which is named as lab1) from readable to executable. After changing permission, I execute following command:

"./lab1"



**Fig 1.8**