

OPERATING SYSTEM LAB TASK – 02

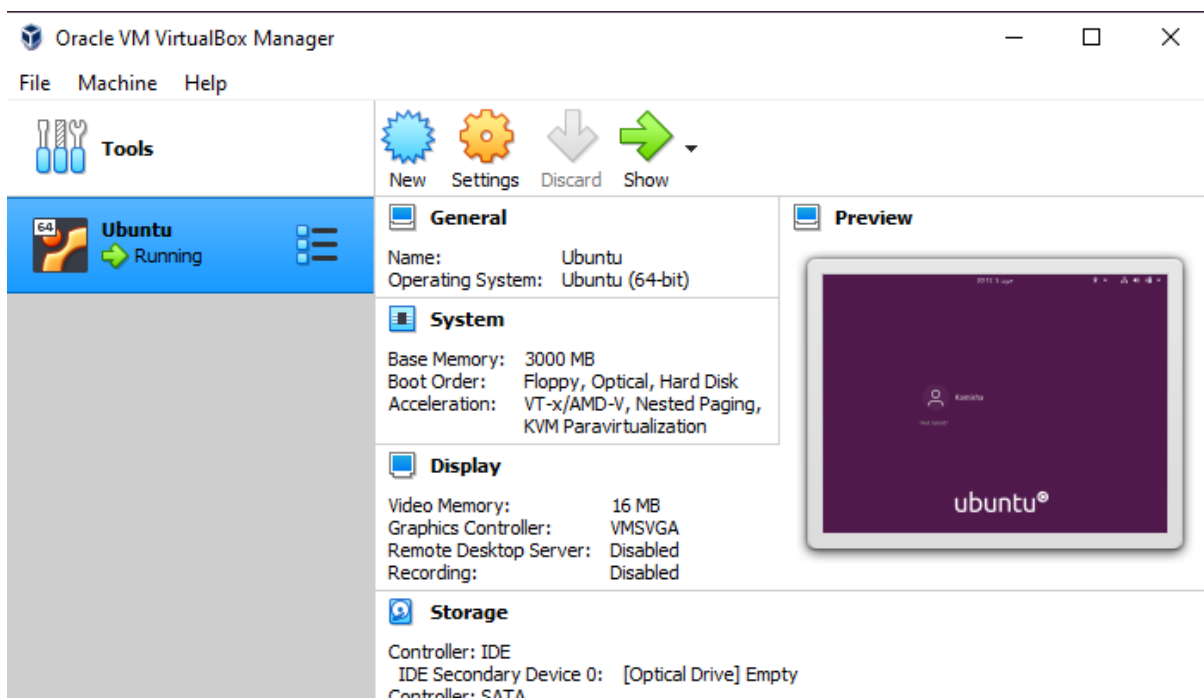
Name: Kamisha Salim

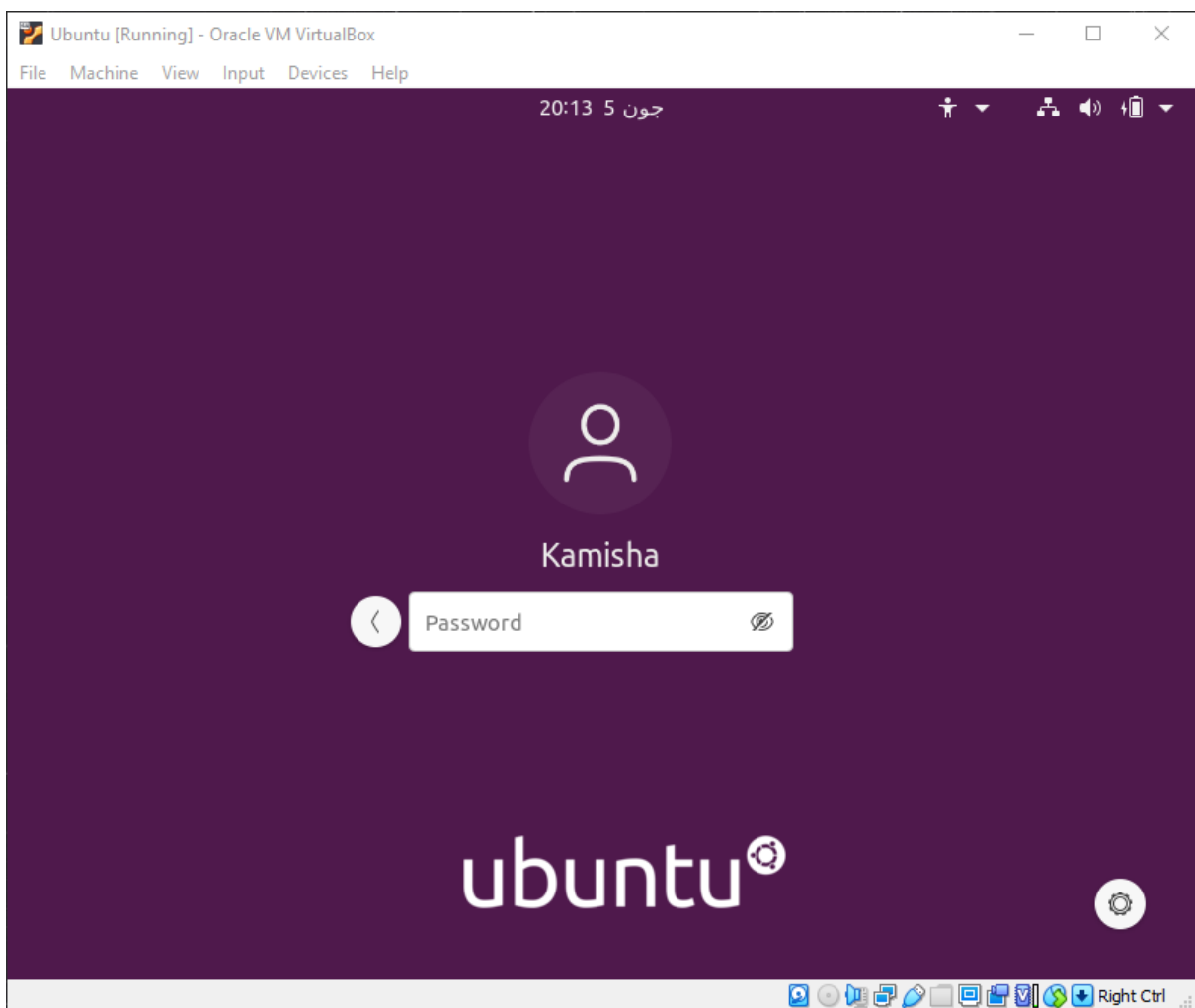
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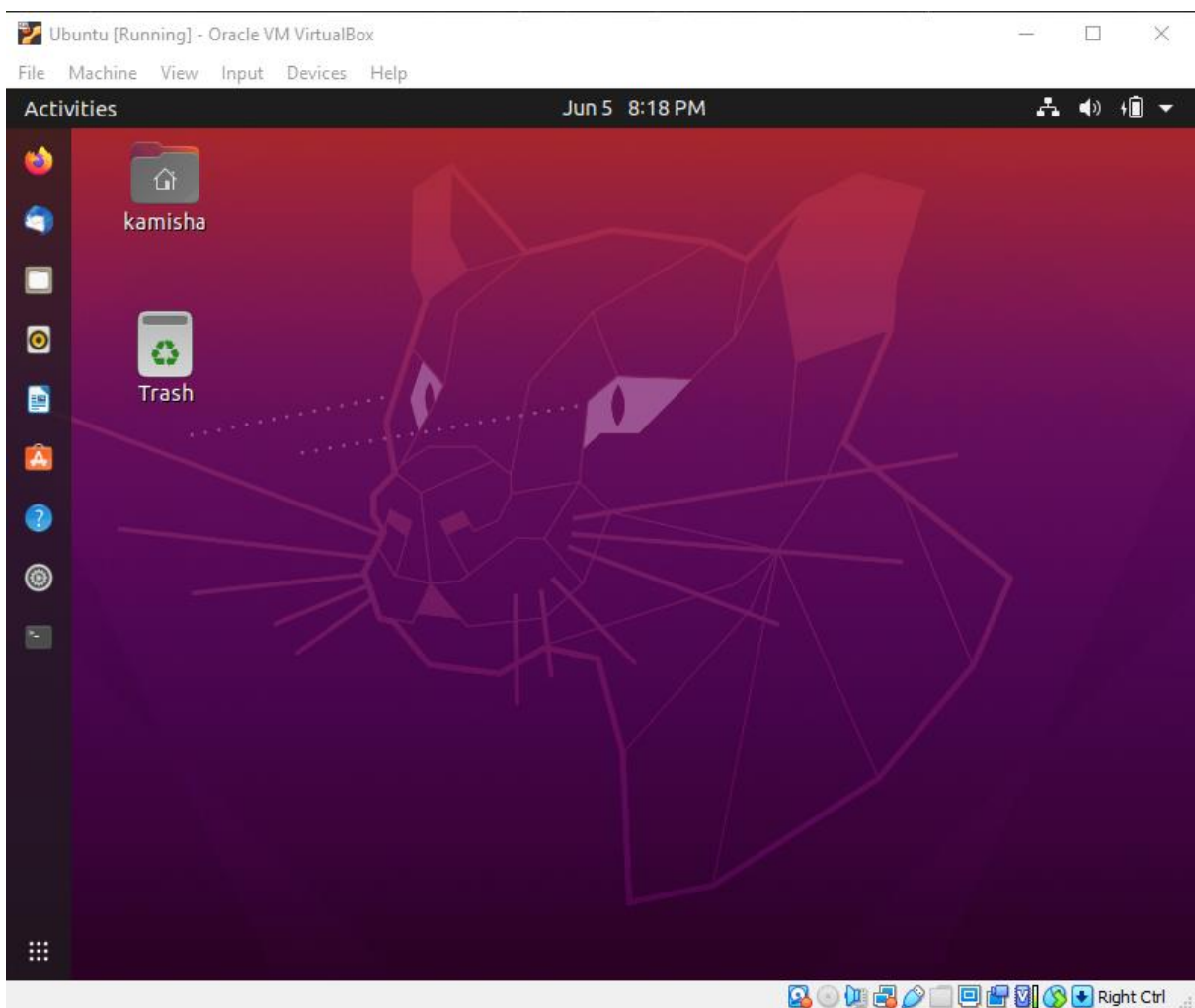
QUESTION – 1:

Lab-2 Exercises:

1. Follow the instructions above and install the Linux and virtual box in your system. You can take help from the instructor be sure to choose a separate partition for the system.

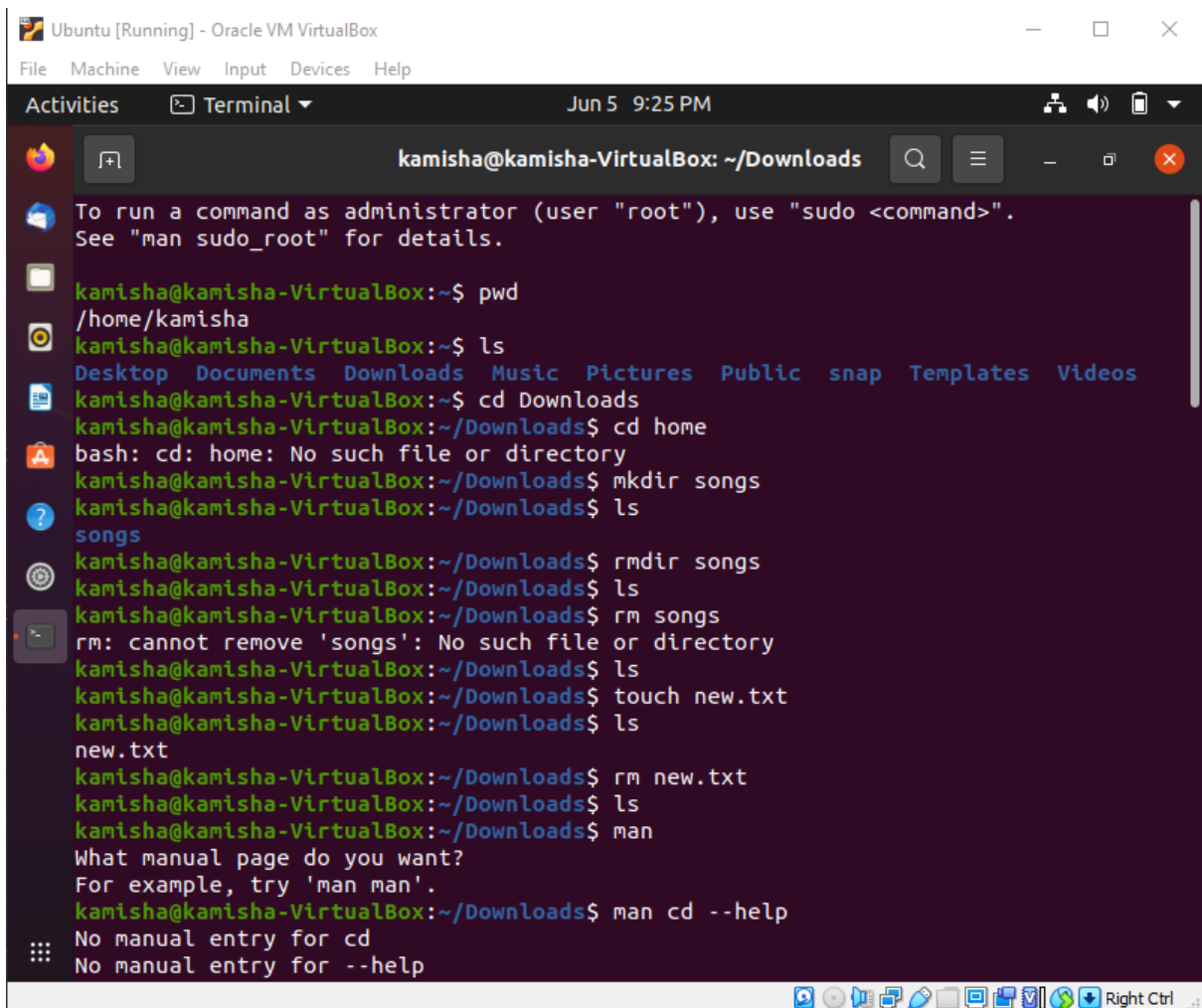






QUESTION – 2:

2. Use Linux basic commands to perform some operations on Linux in order to hands on to Linux terminal



The screenshot shows a terminal window titled "kamisha@kamisha-VirtualBox: ~/Downloads". The terminal displays the following commands and outputs:

```
kamisha@kamisha-VirtualBox:~$ pwd
/home/kamisha
kamisha@kamisha-VirtualBox:~$ ls
Desktop Documents Downloads Music Pictures Public snap Templates Videos
kamisha@kamisha-VirtualBox:~$ cd Downloads
kamisha@kamisha-VirtualBox:~/Downloads$ cd home
bash: cd: home: No such file or directory
kamisha@kamisha-VirtualBox:~/Downloads$ mkdir songs
kamisha@kamisha-VirtualBox:~/Downloads$ ls
songs
kamisha@kamisha-VirtualBox:~/Downloads$ rmdir songs
kamisha@kamisha-VirtualBox:~/Downloads$ ls
kamisha@kamisha-VirtualBox:~/Downloads$ rm songs
rm: cannot remove 'songs': No such file or directory
kamisha@kamisha-VirtualBox:~/Downloads$ ls
kamisha@kamisha-VirtualBox:~/Downloads$ touch new.txt
kamisha@kamisha-VirtualBox:~/Downloads$ ls
new.txt
kamisha@kamisha-VirtualBox:~/Downloads$ rm new.txt
kamisha@kamisha-VirtualBox:~/Downloads$ ls
kamisha@kamisha-VirtualBox:~/Downloads$ man
What manual page do you want?
For example, try 'man man'.
kamisha@kamisha-VirtualBox:~/Downloads$ man cd --help
No manual entry for cd
No manual entry for --help
```

```
Ubuntu [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Jun 5 9:26 PM
kamisha@kamisha-VirtualBox: ~/Downloads
kamisha@kamisha-VirtualBox:~/Downloads$ man --help
Usage: man [OPTION...] [SECTION] PAGE...

-C, --config-file=FILE    use this user configuration file
-d, --debug               emit debugging messages
-D, --default              reset all options to their default values
--warnings[=WARNINGS]    enable warnings from groff

Main modes of operation:
-f, --whatis               equivalent to whatis
-k, --apropos              equivalent to apropos
-K, --global-apropos      search for text in all pages
-l, --local-file           interpret PAGE argument(s) as local filename(s)
-w, --where, --path, --location
                           print physical location of man page(s)
-W, --where-cat, --location-cat
                           print physical location of cat file(s)

-c, --catman               used by catman to reformat out of date cat pages
-R, --recode=ENCODING      output source page encoded in ENCODING

Finding manual pages:
-L, --locale=LOCALE        define the locale for this particular man search
-m, --systems=SYSTEM       use manual pages from other systems
-M, --manpath=PATH         set search path for manual pages to PATH

-S, -s, --sections=LIST    use colon separated section list

-e, --extension=EXTENSION  limit search to extension type EXTENSION
```

Ubuntu [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Terminal Jun 5 9:27 PM

kamisha@kamisha-VirtualBox: ~/Downloads

```
-e, --extension=EXTENSION  limit search to extension type EXTENSION
-i, --ignore-case           look for pages case-insensitively (default)
-I, --match-case           look for pages case-sensitively
--regex                    show all pages matching regex
--wildcard                 show all pages matching wildcard
--names-only               make --regex and --wildcard match page names only,
                           not descriptions
-a, --all                  find all matching manual pages
-u, --update               force a cache consistency check
--no-subpages              don't try subpages, e.g. 'man foo bar' => 'man
                           foo-bar'

Controlling formatted output:
-P, --pager=PAGER          use program PAGER to display output
-r, --prompt=STRING        provide the 'less' pager with a prompt
-7, --ascii                display ASCII translation of certain latin1 chars
-E, --encoding=ENCODING    use selected output encoding
--no-hyphenation, --nh     turn off hyphenation
--no-justification, --nj   turn off justification
on
-p, --preprocessor=STRING  STRING indicates which preprocessors to run:
                           e - [n]eqn, p - pic, t - tbl,
                           g - grap, r - refer, v - vgrind
```

Right Ctrl

```
Ubuntu [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Jun 5 9:27 PM
kamisha@kamisha-VirtualBox: ~/Downloads

-r, --prompt=STRING      provide the 'less' pager with a prompt
-7, --ascii              display ASCII translation of certain latin1 chars
-E, --encoding=ENCODING use selected output encoding
    --no-hyphenation, --nh turn off hyphenation
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on
-p, --preprocessor=STRING STRING indicates which preprocessors to run:
    e - [n]eqn, p - pic, t - tbl,
g - grap, r - refer, v - vgrind
-t, --troff              use groff to format pages
-T, --troff-device[=DEVICE] use groff with selected device
-H, --html[=BROWSER]    use www-browser or BROWSER to display HTML output
-X, --gxditview[=RESOLUTION] use groff and display through gxditview
                        (X11):
                        -X = -TX75, -X100 = -TX100, -X100-12 = -TX100-12
-Z, --ditroff            use groff and force it to produce ditroff
-?, --help              give this help list
    --usage              give a short usage message
-V, --version            print program version

Mandatory or optional arguments to long options are also mandatory or optional
for any corresponding short options.

Report bugs to cjwatson@debian.org.
kamisha@kamisha-VirtualBox:~/Downloads$
```