

IT8711 – FOSS and Cloud computing Laboratory

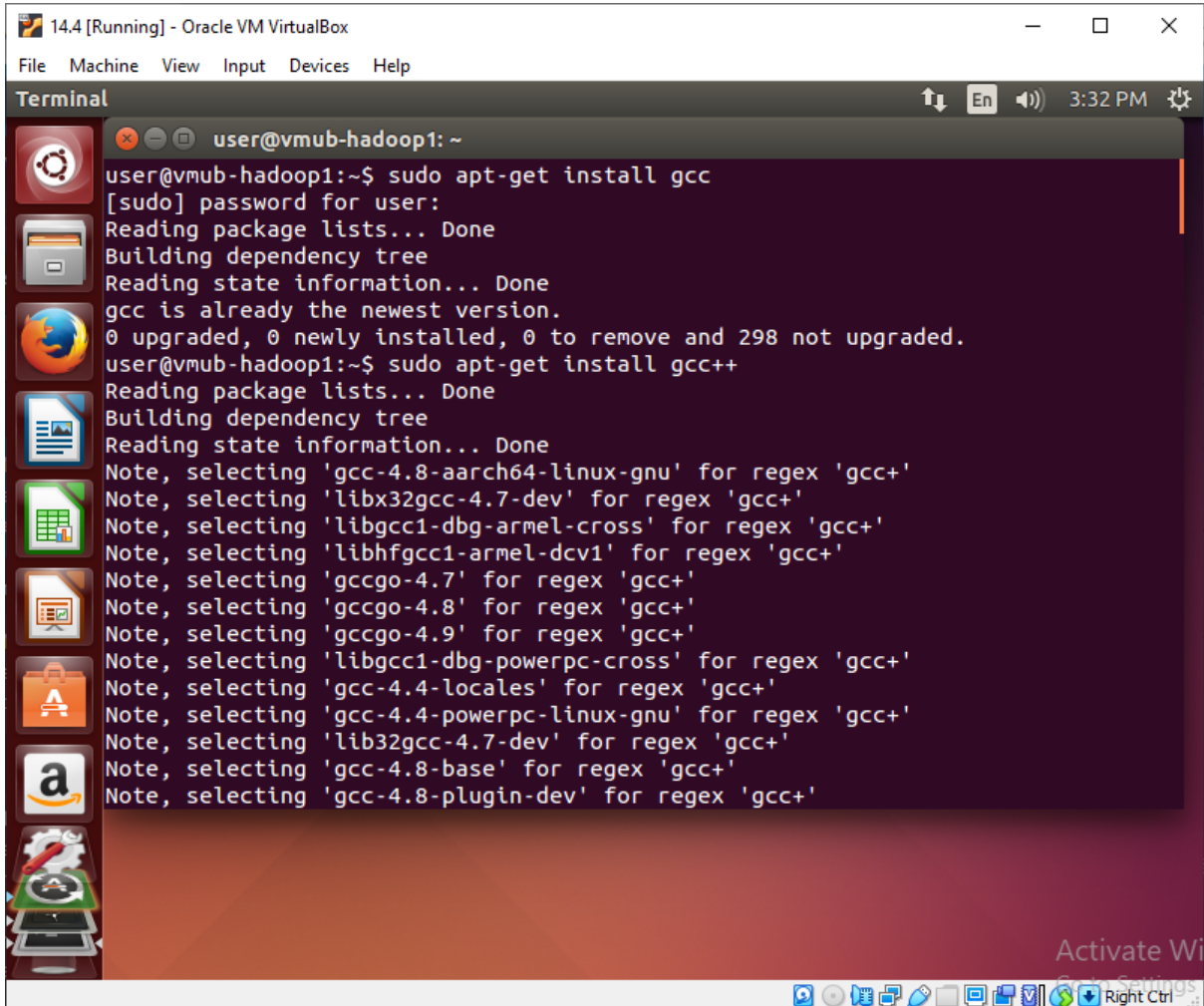
Roll No.: 19UITE015

Register No.: 920419205008

Name : K.Deepika

Date : 23.08.2022

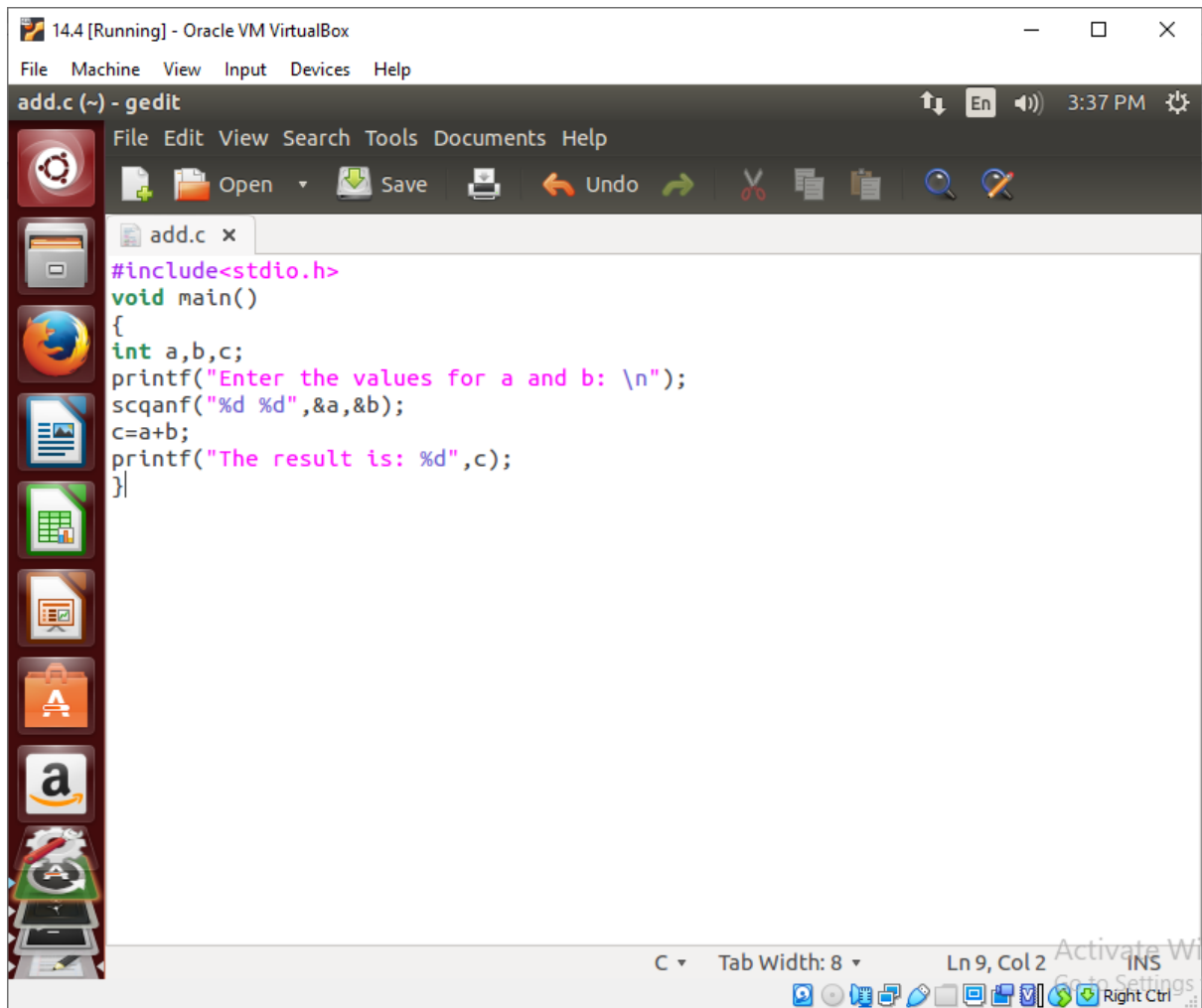
Ex 4: Installing C compiler on Guest OS

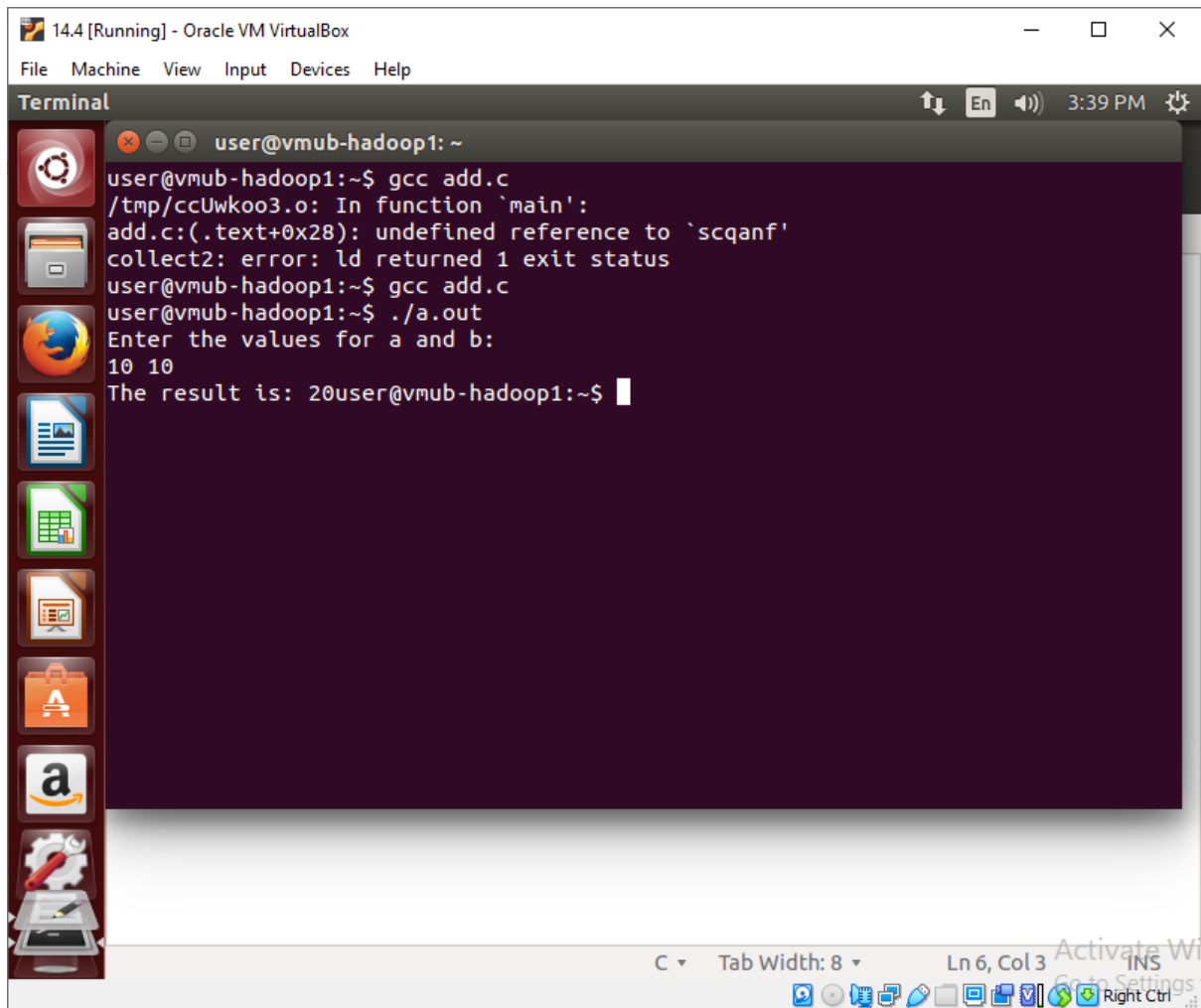


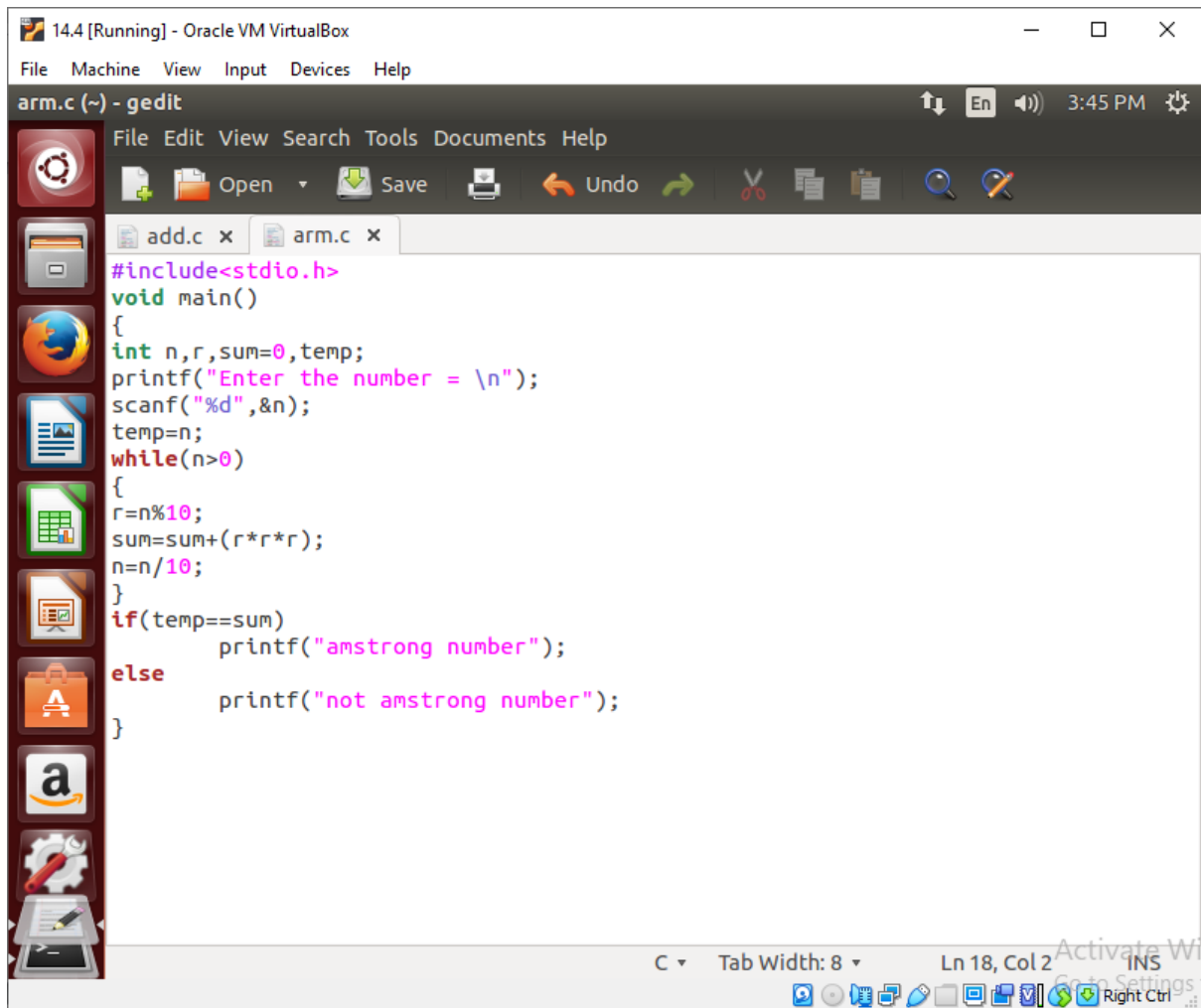
The screenshot shows a terminal window titled "14.4 [Running] - Oracle VM VirtualBox". The terminal is running on a user@vmub-hadoop1 machine. The user has executed the following commands:

```
user@vmub-hadoop1:~$ sudo apt-get install gcc
[sudo] password for user:
Reading package lists... Done
Building dependency tree
Reading state information... Done
gcc is already the newest version.
0 upgraded, 0 newly installed, 0 to remove and 298 not upgraded.
user@vmub-hadoop1:~$ sudo apt-get install gcc++
Reading package lists... Done
Building dependency tree
Reading state information... Done
Note, selecting 'gcc-4.8-aarch64-linux-gnu' for regex 'gcc+'
Note, selecting 'libx32gcc-4.7-dev' for regex 'gcc+'
Note, selecting 'libgcc1-dbg-armel-cross' for regex 'gcc+'
Note, selecting 'libhfgcc1-armel-dcv1' for regex 'gcc+'
Note, selecting 'gccgo-4.7' for regex 'gcc+'
Note, selecting 'gccgo-4.8' for regex 'gcc+'
Note, selecting 'gccgo-4.9' for regex 'gcc+'
Note, selecting 'libgcc1-dbg-powerpc-cross' for regex 'gcc+'
Note, selecting 'gcc-4.4-locales' for regex 'gcc+'
Note, selecting 'gcc-4.4-powerpc-linux-gnu' for regex 'gcc+'
Note, selecting 'lib32gcc-4.7-dev' for regex 'gcc+'
Note, selecting 'gcc-4.8-base' for regex 'gcc+'
Note, selecting 'gcc-4.8-plugin-dev' for regex 'gcc+'
```

The terminal window also shows a sidebar with various application icons and a system tray at the bottom with a clock and network status.
















14.4 [Running] - Oracle VM VirtualBox

FileMachineViewInputDevicesHelp

Terminal

↑↑En3:45 PM



user@vmub-hadoop1: ~

10 10

The result is: 20

user@vmub-hadoop1:~\$ sudo gedit arm.c

[sudo] password for user:

user@vmub-hadoop1:~\$ sudo gedit arm.c

user@vmub-hadoop1:~\$ gcc arm.c

gcc: error: arm.c: No such file or directory

gcc: fatal error: no input files

compilation terminated.

user@vmub-hadoop1:~\$ sudo gedit arm.c

user@vmub-hadoop1:~\$ gcc arm.c

arm.c: In function 'main':

arm.c:6:13: error: 'a' undeclared (first use in this function)

scanf("%d",&a);

^

arm.c:6:13: note: each undeclared identifier is reported only once for each function it appears in

user@vmub-hadoop1:~\$ gcc arm.c

user@vmub-hadoop1:~\$./a.out

Enter the number =

153

amstrong number

user@vmub-hadoop1:~\$./a.out

Enter the number =

150

not amstrong number

user@vmub-hadoop1:~\$

C Tab Width: 8 Ln 6, Col 14

Activate Windows
Go to Settings to activate Windows.

INS
Right Ctrl

