

Ex. No: 2

Date:

**INSTALL A C COMPILER IN THE VIRTUAL MACHINE
CREATED USING VIRTUAL BOX AND EXECUTE SIMPLE
PROGRAMS****AIM:**

To install a C compiler in the virtual machine created using virtual box and execute simple programs.

STEPS:

STEP-1: Open the virtual machine.

STEP-2: Navigate through Ubuntu and open the terminal.

STEP-3: To install C compiler enter the following commands

\$ sudo apt update

\$ sudo apt install build-essential

STEP-4: Open file using the command “gedit&” on the terminal.

STEP-5: Type the following program on the gedit.

```
#include<stdio.h>
int main() {
    int n;
    scanf("%d",&n);
    if(number % 2 ==0)
    printf("Even");else
    printf("Odd",);
}
```

STEP-6: Save this file as “odd.c”

STEP-7: Type “gcc odd.c” on the terminal to compile the file.

STEP-8: Type “./a.out” on terminal to run the program.

STEP-9: Output will be printed on the next line of the terminal.

STEP-1:

Best match

Oracle VM VirtualBox
App



Oracle VM VirtualBox
App

Apps

VirtualBox-7.0.10-158379-Win.exe >

On-Screen Keyboard >

Settings

Virus & threat protection >

Windows Security >

Firewall & network protection >

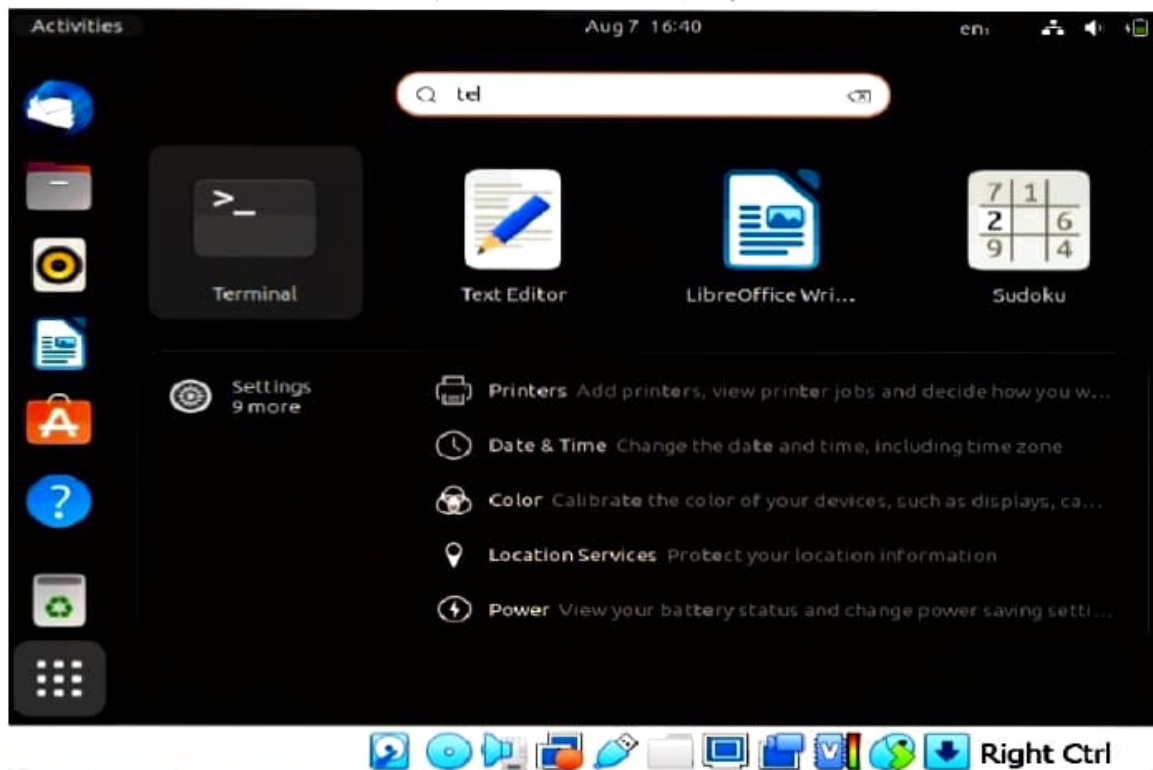
VPN settings >

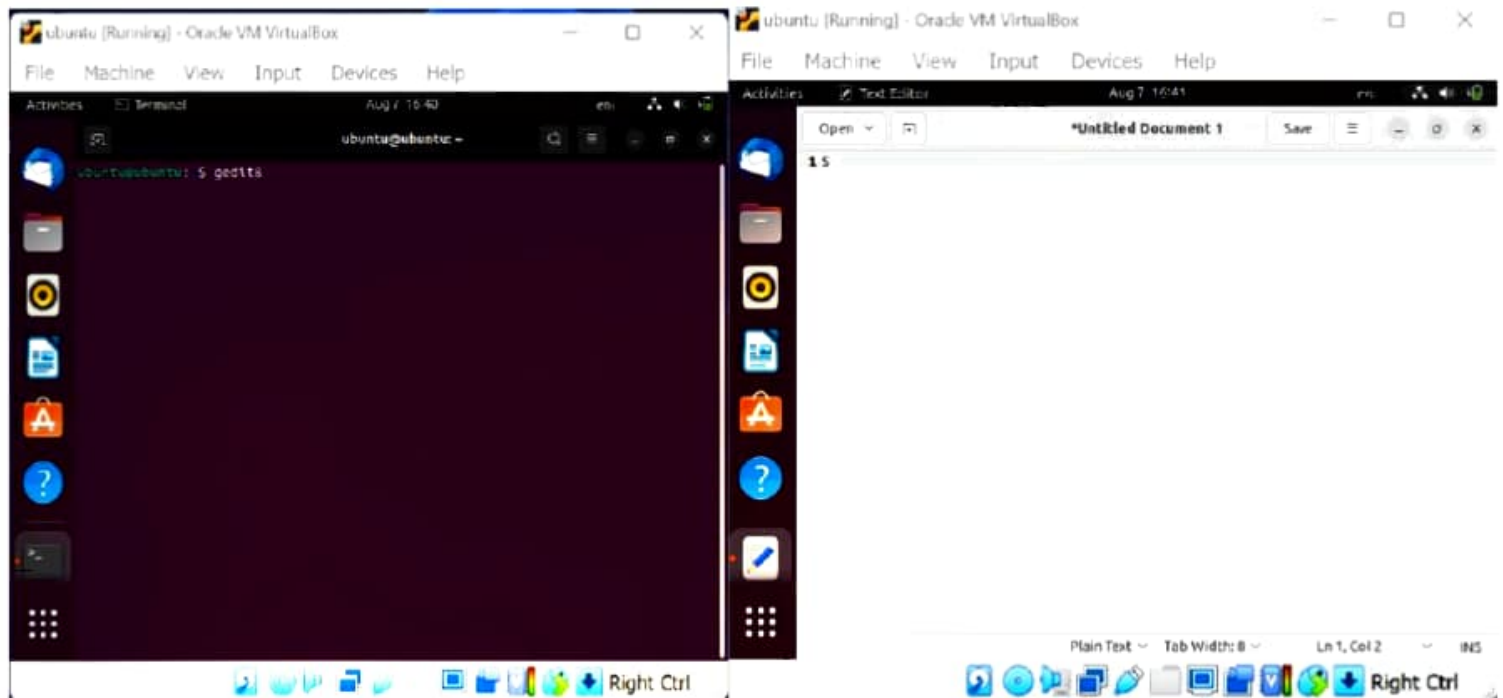
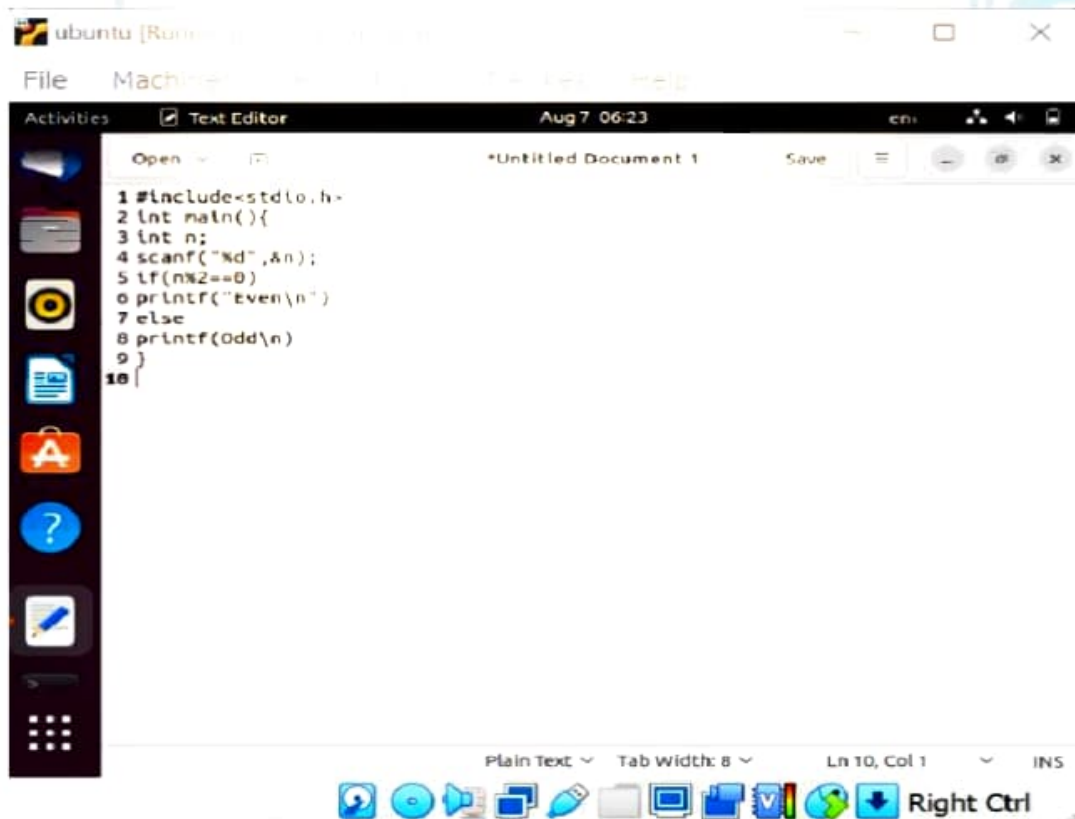
- Open
- Run as administrator
- Open file location
- Pin to Start
- Pin to taskbar
- Uninstall

STEP-2:

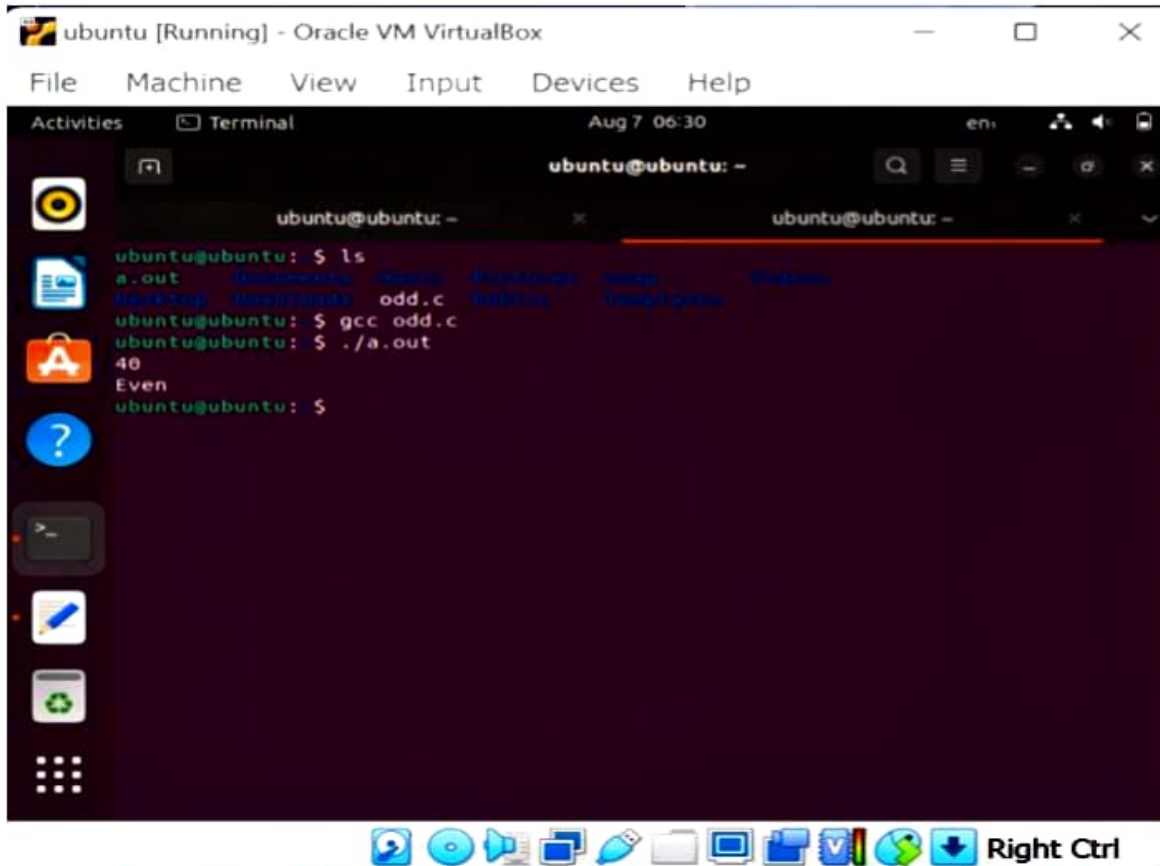
ubuntu [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help



STEP-3:**STEP-4:**

STEP-5:



RESULT:

Thus to install a C compiler in the virtual machine created using virtual box and execute simple programs was successfully implemented and output was successfully obtained and verified.