

**EXP NO : 10**

**DATE : 11-02-2023**

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

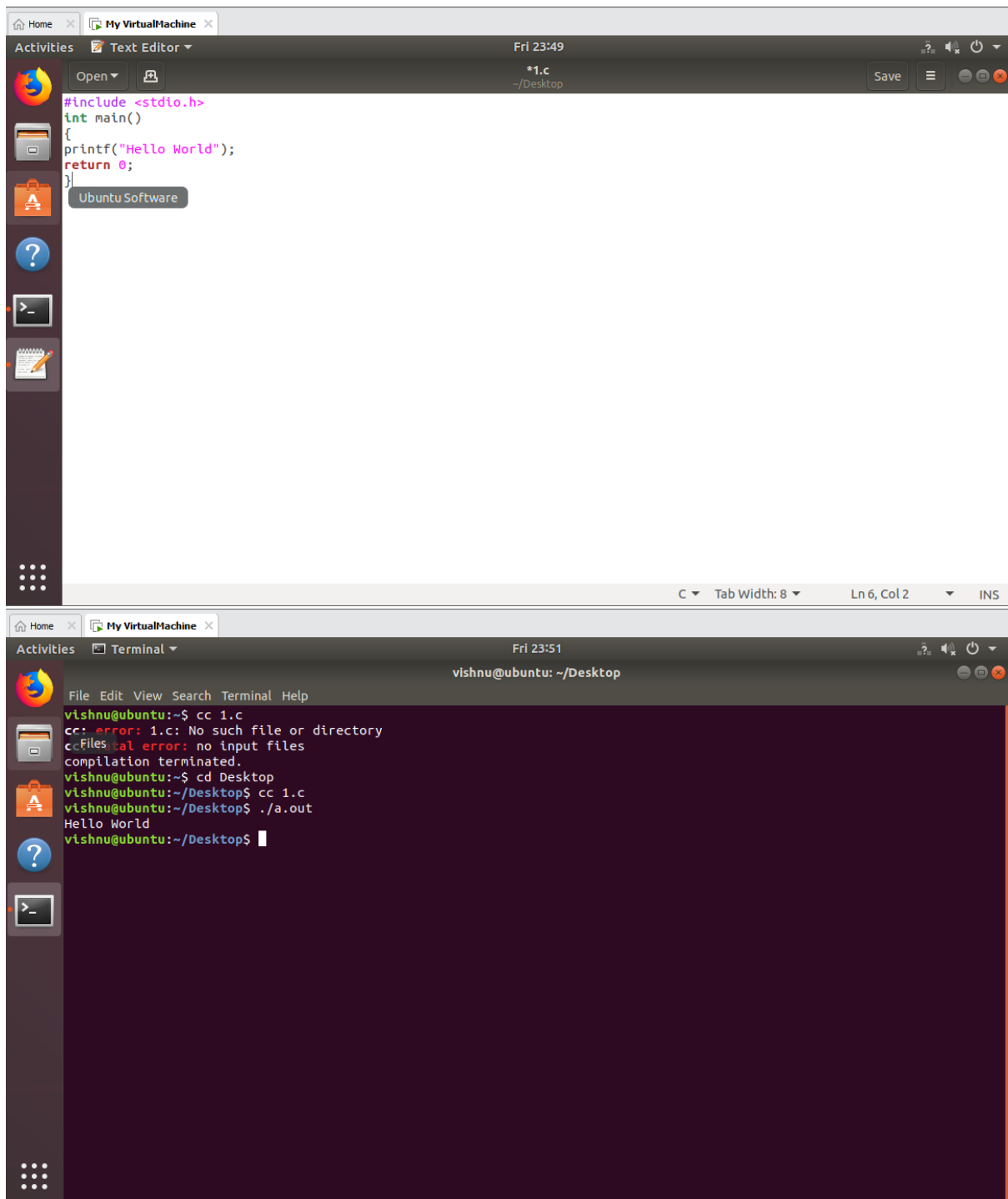
**AIM :**

To install C compiler in the Virtual Machine.

**PROCEDURE :**

- 1.Start the Virtual Machine.
- 2.Open the Terminal.
- 3.Give the Command "Sudo apt install gcc".
- 4.Connect to the internet.
- 5.It will automatically download the C compiler.
- 6.To test it type a program in Text Editor and save it with filename.c extension
- 7.then run it with command "cc filename.c".
- 8.to get the output type "./a.out".
- 9.Now you can see the C program output in the Terminal.

## OUTPUTS



The top screenshot shows a Virtual Machine window titled "My VirtualMachine" with a text editor open. The text editor contains the following C code:

```
#include <stdio.h>
int main()
{
    printf("Hello World");
    return 0;
}
```

The bottom screenshot shows the same Virtual Machine window with a terminal open. The terminal output is as follows:

```
vishnu@ubuntu:~$ cc 1.c
cc: error: 1.c: No such file or directory
cc: fatal error: no input files
compilation terminated.
vishnu@ubuntu:~$ cd Desktop
vishnu@ubuntu:~/Desktop$ cc 1.c
vishnu@ubuntu:~/Desktop$ ./a.out
Hello World
vishnu@ubuntu:~/Desktop$
```

## RESULT:

Hence the C compiler in the Virtual Machine is installed.