## INSTALL AND EXECUTE C COMPILER IN VIRTUAL MACHINE

### Aim:

To install a C compiler in Virtual machine and execute sample program using

Virtual box.Requirements:

- 1. VirtualBox software
- 2. Ubuntu OS of version ubuntu-15.10-desktop-i386
- 3. gcc compiler installed in Ubuntu OS and exported the virtual machine as ubuntu os withgcc.ova file.
- 4. first.c program

### **Procedure:**

- 1. Open VirtualBox.
- 2. Select File -> Import Appliance -> Select file named 'ubuntu15 with gcc.ova' -> Open ->Next -> Import.
- 3. Select 'ubuntu15' virtual machine and select start button.
- 4. Enter into terminal mode and type as 'sudo nano first.c'.
- 5. Type the content of the file given below for first.c.
- 6. Press ctrl+o and ctrl+x key combinations for saving the file and exit from the editor moderespectively.
- 7. For compiling, type the command as: gcc first.c -o first
- 8. For execution of the file, type as: ./first
- 9. Now result of the C program will be displayed.

# Sample C program:

```
first.c file
#include<st
dio.h>int
main(void)
{
printf("My first C Program\n");
}
```

### **Screenshots**





