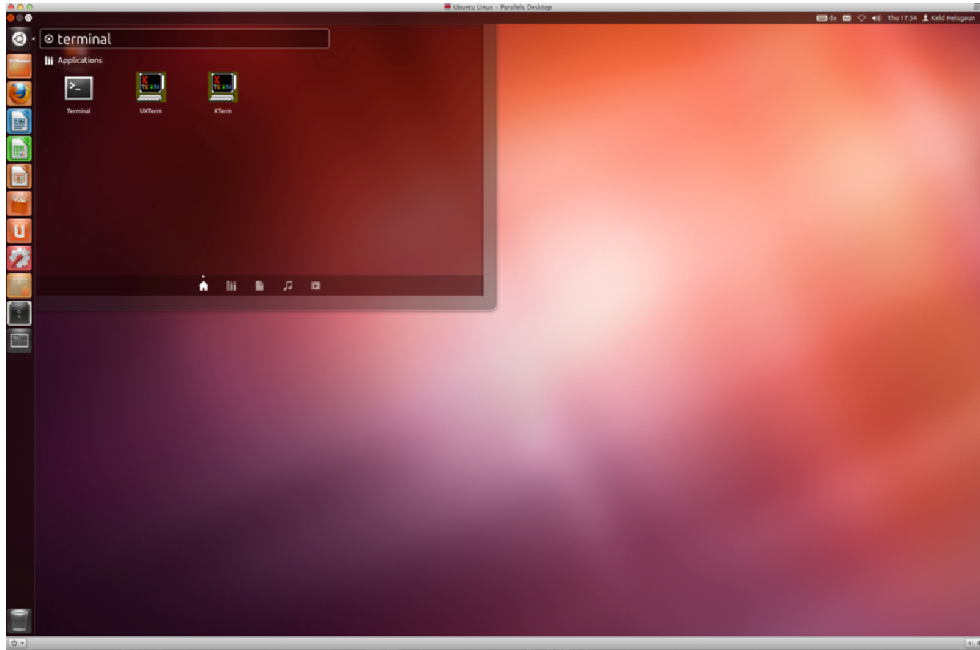


Practical 2

AIM: Execute C Program using gcc compiler.

Step 1:- Open up a terminal

Search for the terminal application in the Dash tool



Step 2:- Use a text editor to create the C source code.

Type the command

`gedithello.c`

and enter the C source code below:

```
#include <stdio.h>
```

```
main()
```

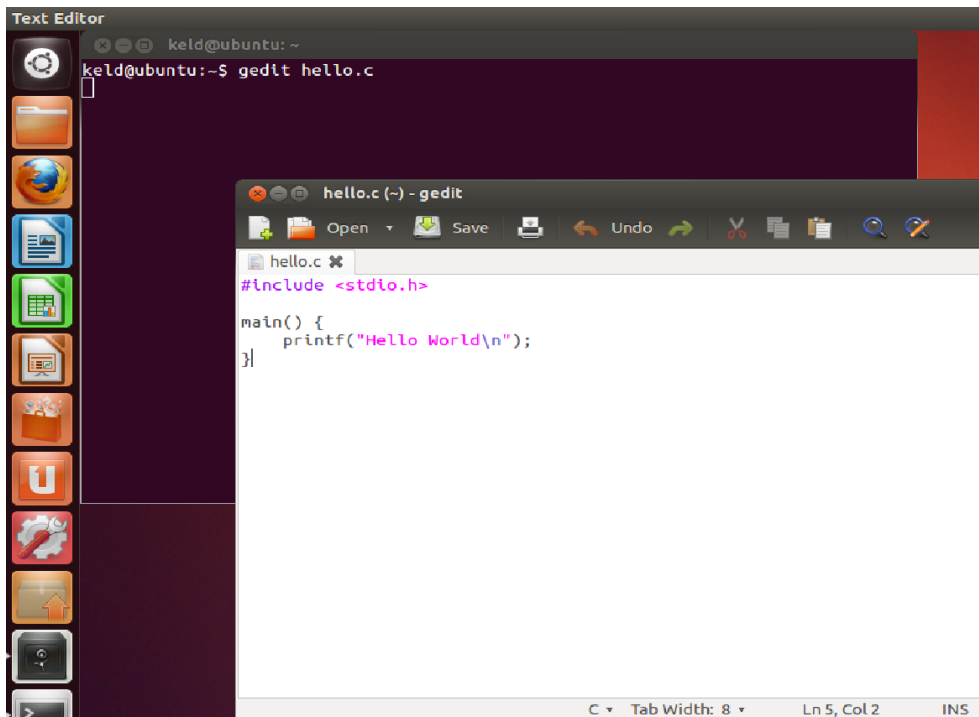
```
{
```

```
    printf("Hello World\n");
```

```
}
```

Close the editor window.

```
keld@ubuntu: ~  
keld@ubuntu:~$ gedit hello.c  
keld@ubuntu:~$ gcc -o hello hello.c  
keld@ubuntu:~$
```



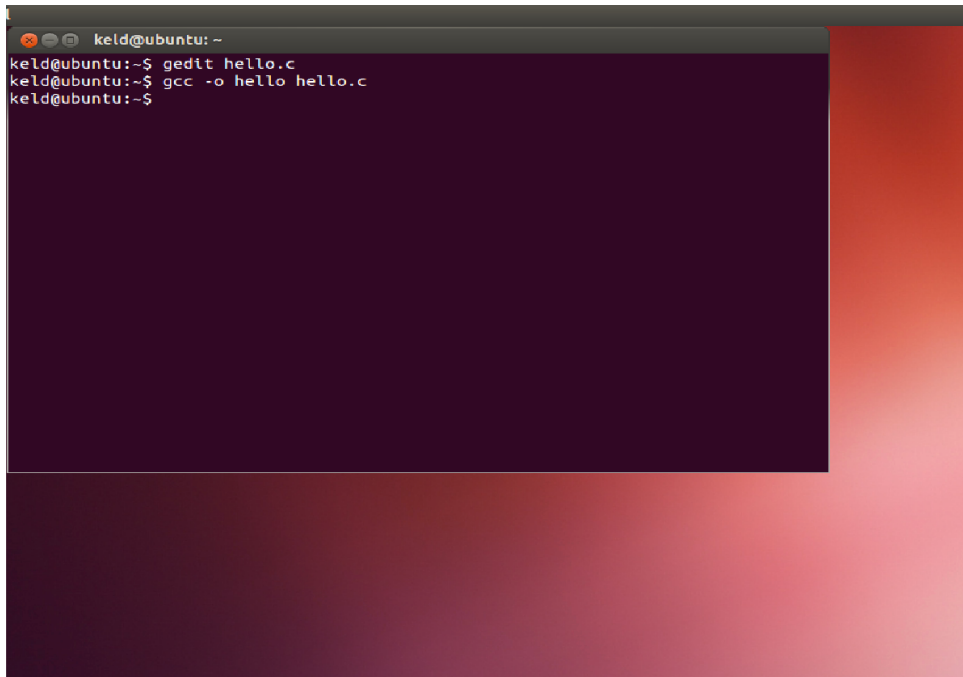
Step 3:- Compile the program.

Type the command

`gcc -o hello hello.c`

This command will invoke the GNU C compiler to compile the file `hello.c` and output (-o)

the result to an executable called `hello`.

A terminal window titled 'keld@ubuntu: ~' with a dark purple background. It shows the following commands and their outputs: 'gedit hello.c' opens a text editor; 'gcc -o hello hello.c' compiles the program into an executable named 'hello'.

```
keld@ubuntu: ~  
keld@ubuntu:~$ gedit hello.c  
keld@ubuntu:~$ gcc -o hello hello.c  
keld@ubuntu:~$
```

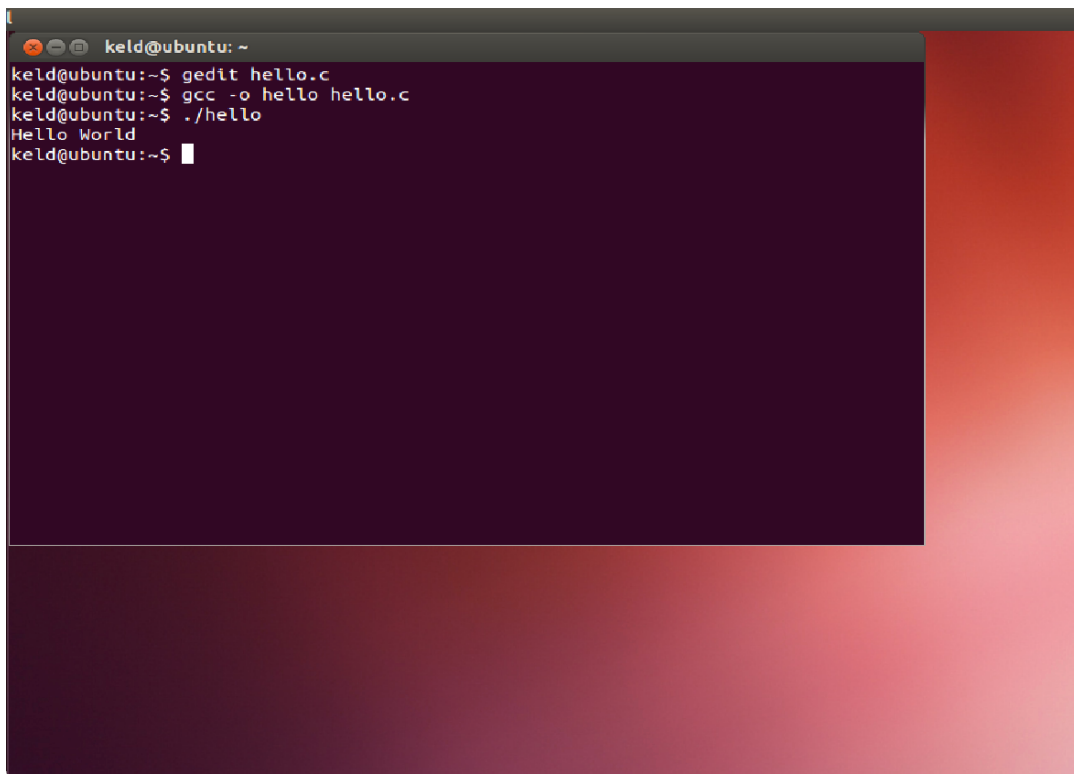
Step :- *Execute the program.*

Type the command

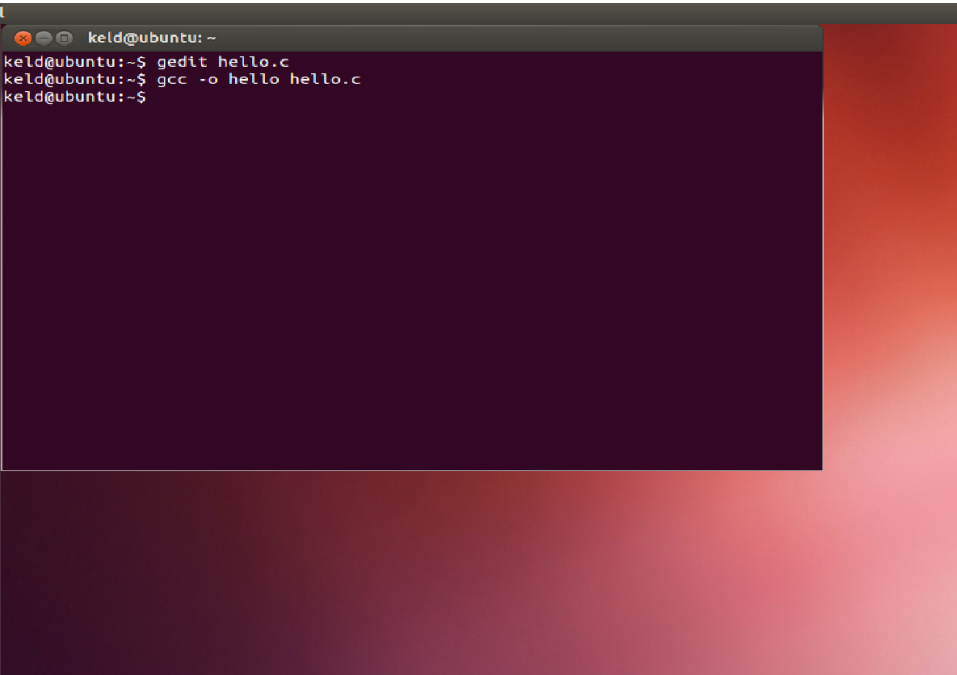
./hello

This should result in the output

HelloWorld

A terminal window titled 'keld@ubuntu: ~' with a dark purple background. It shows the same compilation commands as the previous image, followed by the execution command './hello', which outputs 'Hello World'.

```
keld@ubuntu: ~  
keld@ubuntu:~$ gedit hello.c  
keld@ubuntu:~$ gcc -o hello hello.c  
keld@ubuntu:~$ ./hello  
Hello World  
keld@ubuntu:~$
```

A terminal window titled 'keld@ubuntu: ~' is shown against a dark red background. The terminal has a dark purple background and displays three lines of text: 'keld@ubuntu:~\$ gedit hello.c', 'keld@ubuntu:~\$ gcc -o hello hello.c', and 'keld@ubuntu:~\$'.

```
keld@ubuntu: ~
keld@ubuntu:~$ gedit hello.c
keld@ubuntu:~$ gcc -o hello hello.c
keld@ubuntu:~$
```