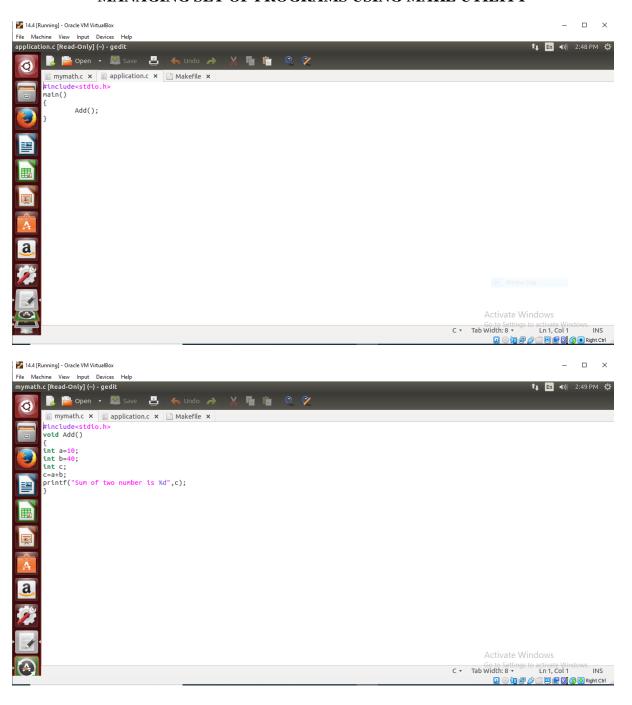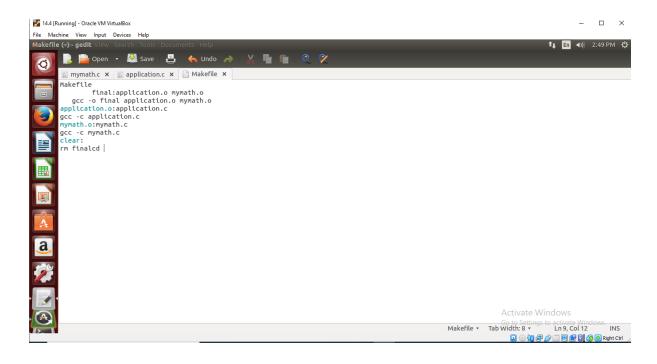# IT8711 FOSS AND CLOUD COMPUTING LABORATORY

ROLL NUMBER: 19UITE019   **REGISTER NO: 920419205045**

NAME: UMAMAHESWARI.N   **EXERCISE NO: 1**

MANAGING SET OF PROGRAMS USING MAKE UTILITY

```c
#include<stdio.h>
main()
{
        Add();
}
```

```c
#include<stdio.h>
void Add()
{
int a=10;
int b=40;
int c;
c=a+b;
printf("Sum of two number is %d",c);
}
```

gedit editor (Makefile):

```
Makefile
        final:application.o mymath.o
    gcc -o final application.o mymath.o
application.o:application.c
gcc -c application.c
mymath.o:mymath.c
gcc -c mymath.c
clear:
rm finalcd
```


Terminal — user@vmub-hadoop1: ~/Ex1:

```
user@vmub-hadoop1:~$ cd Ex1
user@vmub-hadoop1:~/Ex1$ ls
application.c  Makefile  mymath.c
user@vmub-hadoop1:~/Ex1$ # make
user@vmub-hadoop1:~/Ex1$ gcc -c application.c
user@vmub-hadoop1:~/Ex1$ gcc -c mymath.c
user@vmub-hadoop1:~/Ex1$ gcc -o final application.o mymath.o
user@vmub-hadoop1:~/Ex1$ ls
application.c  application.o  final  Makefile  mymath.c  mymath.o
user@vmub-hadoop1:~/Ex1$ ./final
Sum of two number is 50user@vmub-hadoop1:~/Ex1$ make clear
Makefile:1: *** missing separator.  Stop.
user@vmub-hadoop1:~/Ex1$ rm final
user@vmub-hadoop1:~/Ex1$ ls
application.c  application.o  Makefile  mymath.c  mymath.o
user@vmub-hadoop1:~/Ex1$
```