EXERCISE : 1

Managing set of program using make utility

Screenshots:

application.c (~) - gedit

Open   Save   Undo

application.c ×   mymath.c ×

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

mymath.c (~) - gedit

Open   Save   Undo

application.c ×   mymath.c ×

```c
#include <stdio.h>
void Add()
{
        int n1;
        int n2;
        n1 = 23;
        n2 = 12;
        printf("%d",n1+n2);
}
```
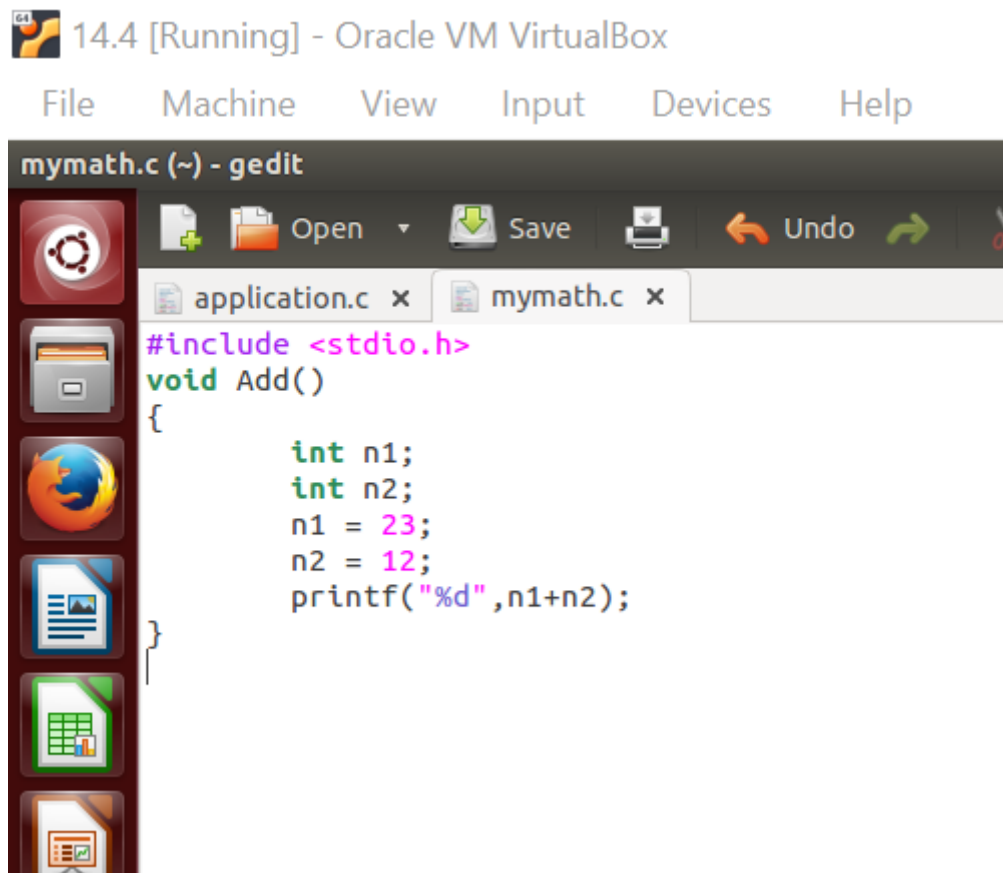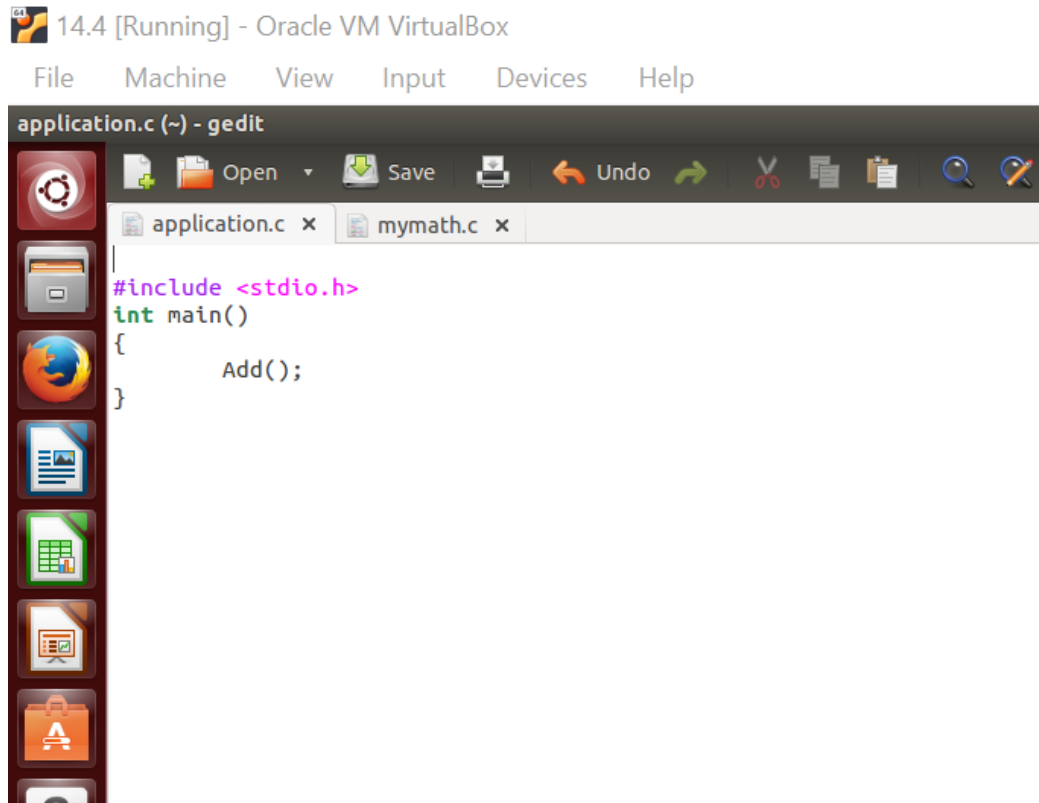
File   Machine   View   Input   Devices   Help

Makefile (~) - gedit

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📄 application.c ✕   📄 mymath.c ✕   📄 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 final
```

user@vmub-hadoop1: ~/Samples

```
user@vmub-hadoop1:~$ cd Samples/
user@vmub-hadoop1:~/Samples$ make
Makefile:2: *** missing separator.  Stop.
user@vmub-hadoop1:~/Samples$ gcc -c application.c
user@vmub-hadoop1:~/Samples$ gcc -c mymath.c
user@vmub-hadoop1:~/Samples$ gcc -o final application.o mymath.o
user@vmub-hadoop1:~/Samples$ ls
application.c  application.o  final  Makefile  mymath.c  mymath.o
user@vmub-hadoop1:~/Samples$ ./final
35user@vmub-hadoop1:~/Samples$ make clear
Makefile:2: *** missing separator.  Stop.
user@vmub-hadoop1:~/Samples$ rm final
user@vmub-hadoop1:~/Samples$ ls
application.c  application.o  Makefile  mymath.c  mymath.o
user@vmub-hadoop1:~/Samples$
```

File Machine View Input Devices Help

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application.c   application.o   final   Makefile   mymath.c   mymath.o

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