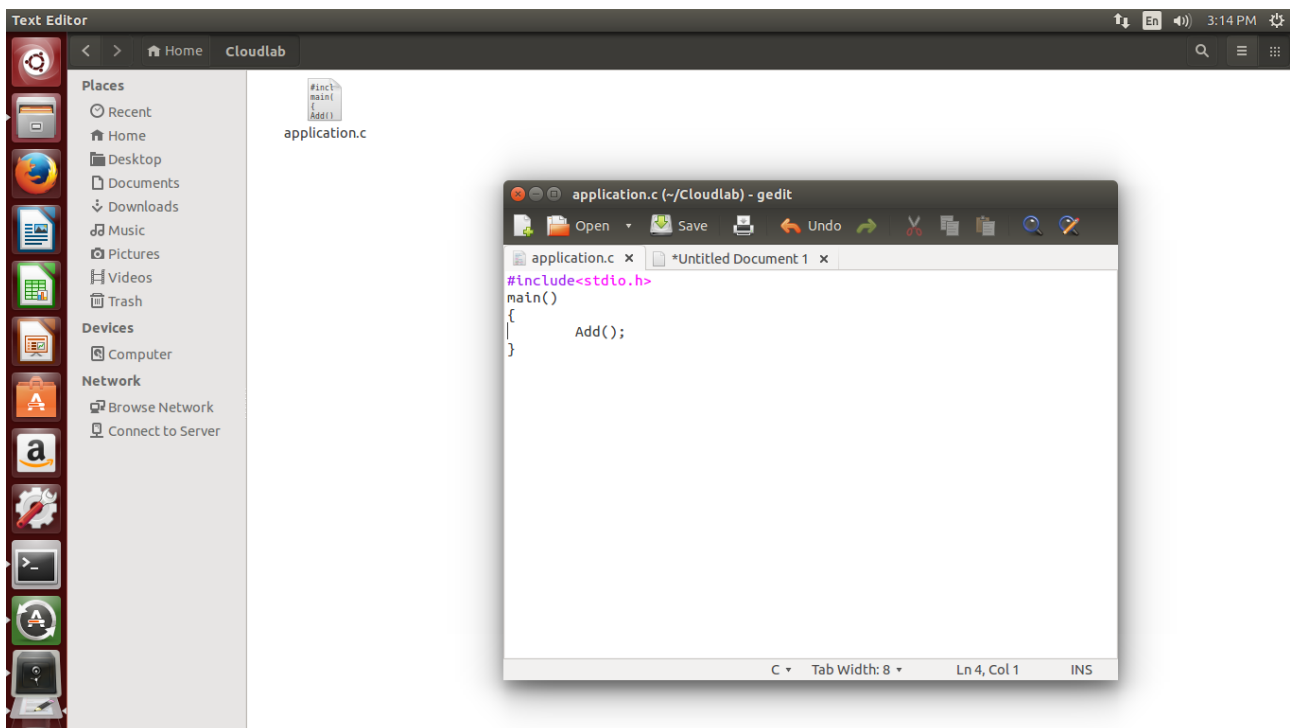
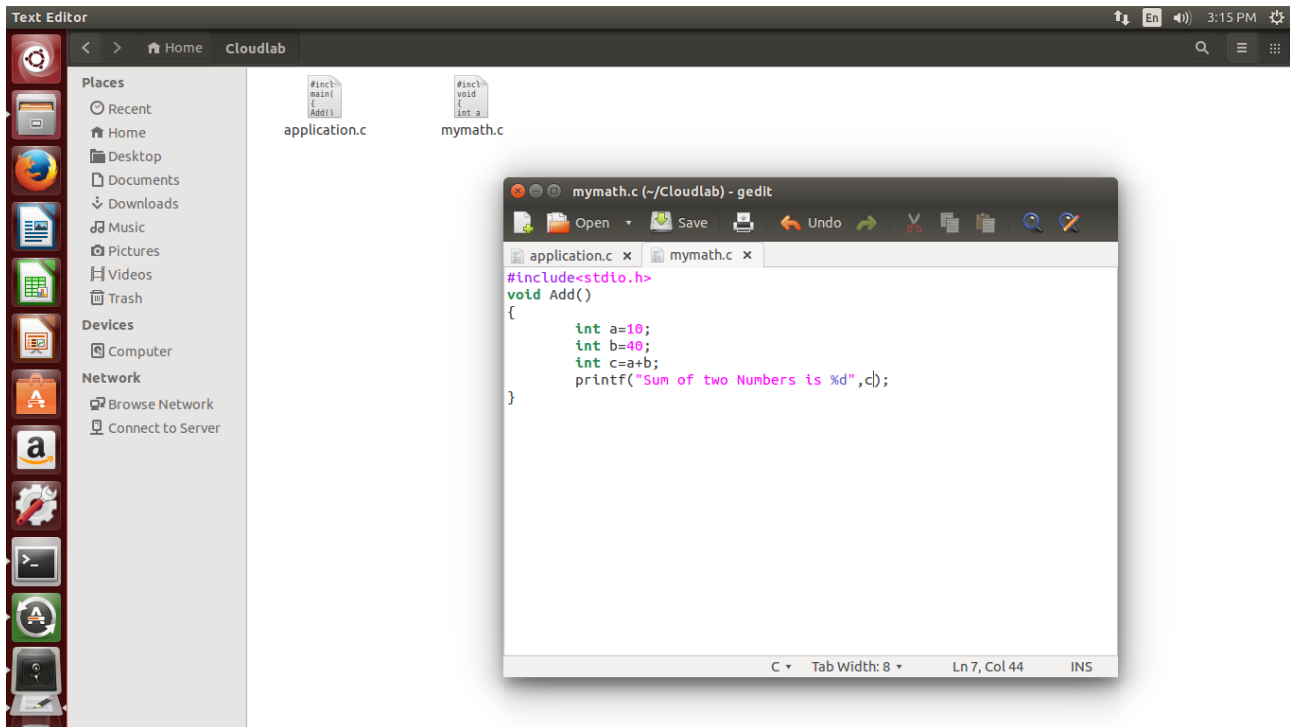
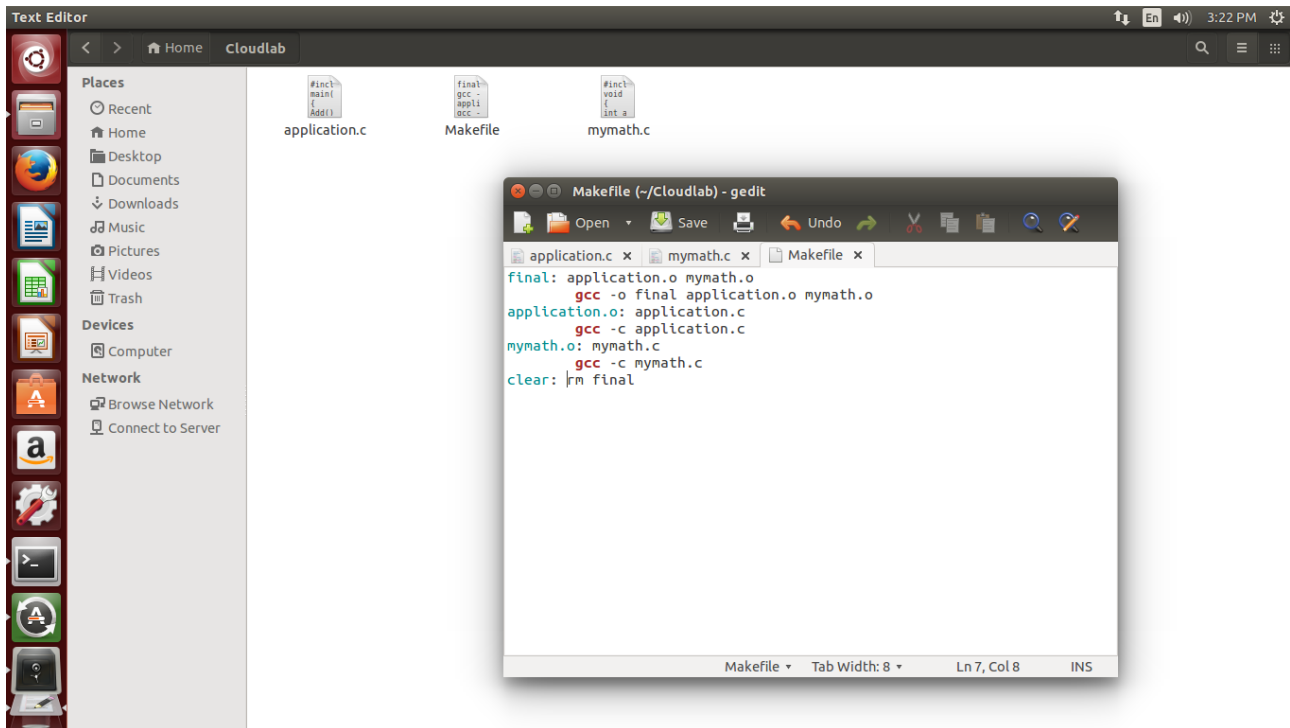
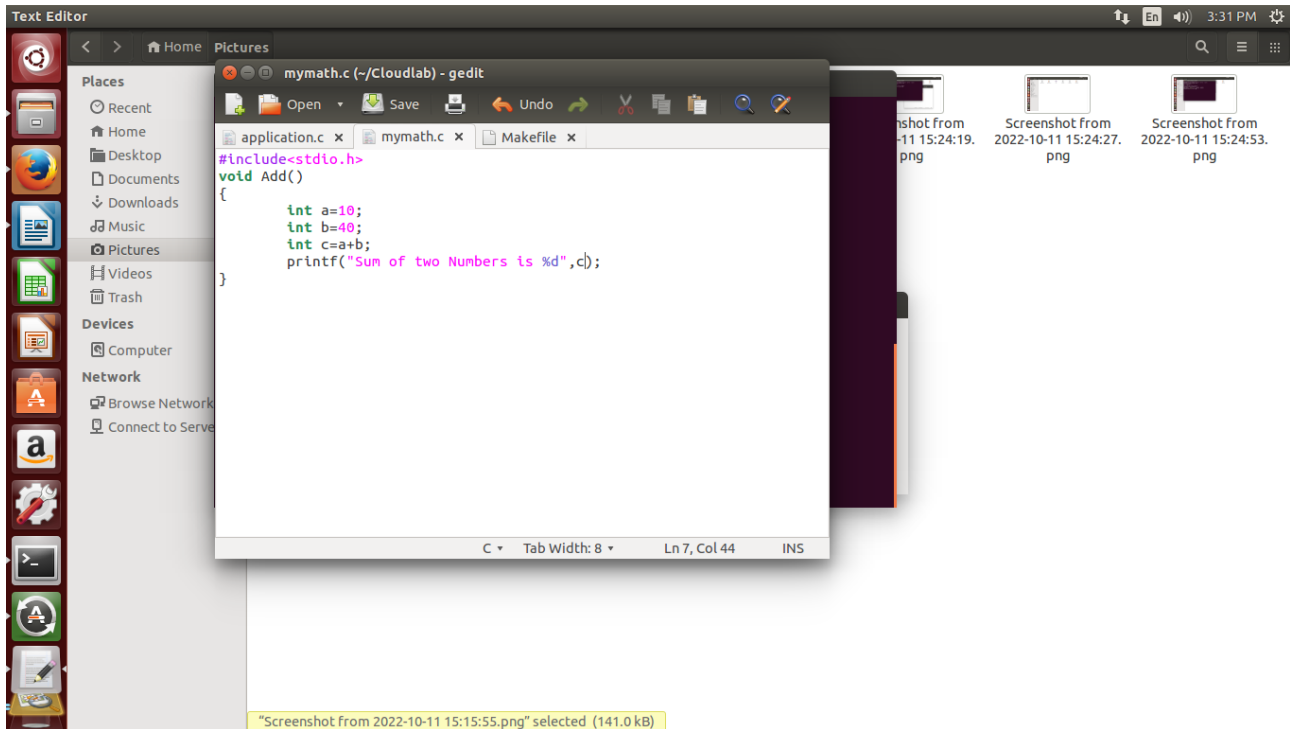
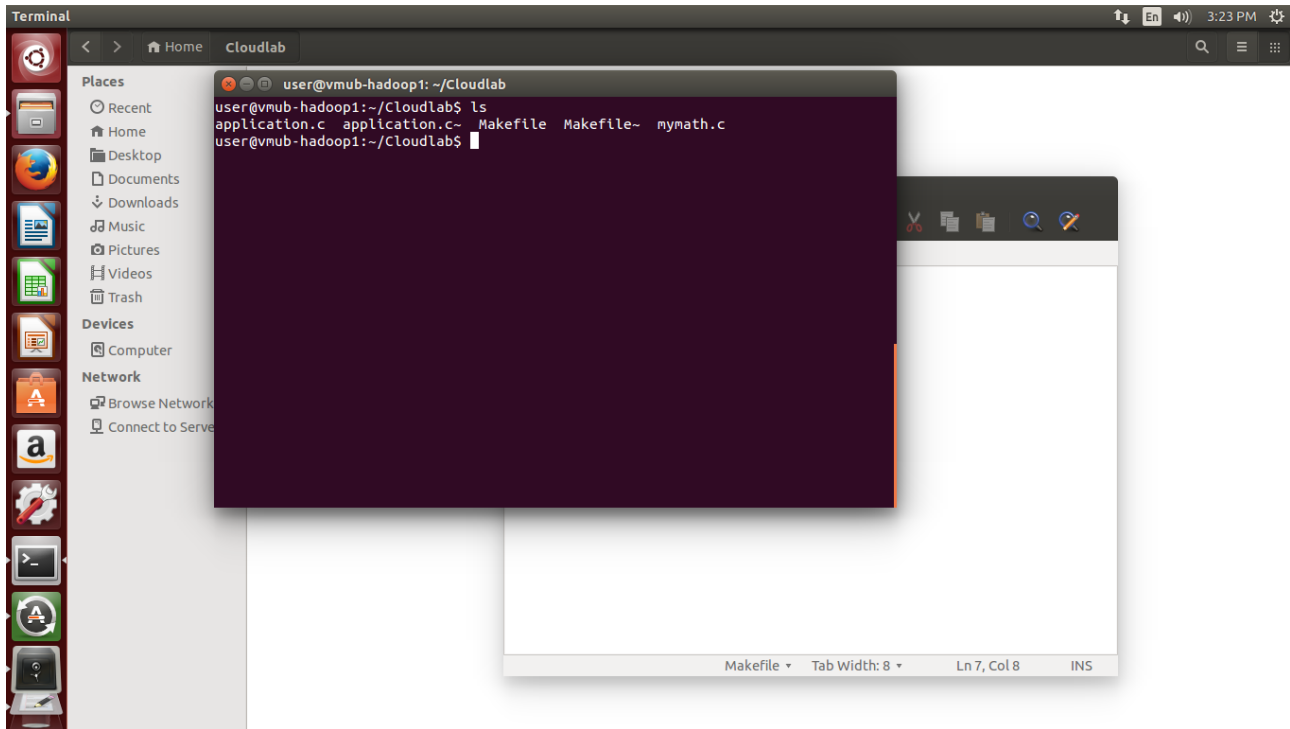


Managing a set of programs using make utility



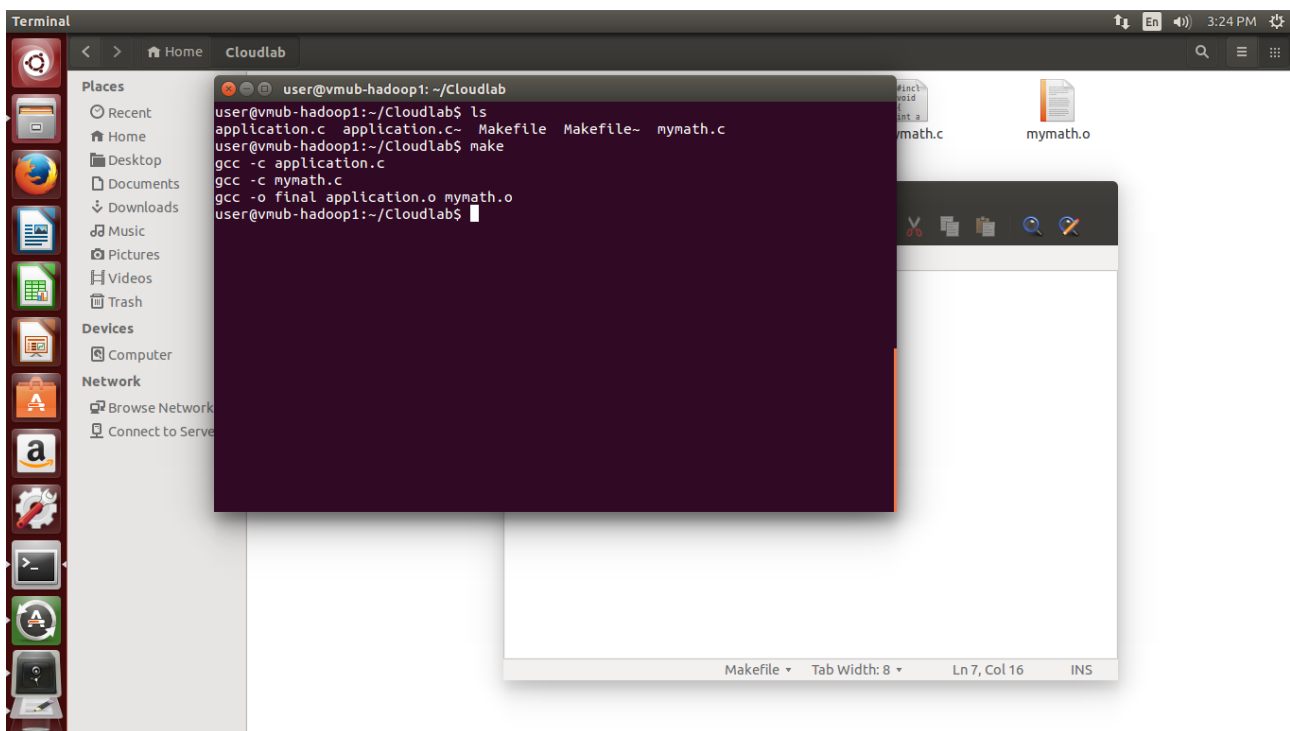
Managing a set of programs using make utility



Managing a set of programs using make utility

The terminal window shows the user at the prompt `user@vmub-hadoop1: ~/Cloudlab`. The command `ls` has been executed, displaying the contents of the directory: `application.c application.c~ Makefile Makefile~ mymath.c`. The file manager in the background shows the same directory with files `application.c` and `mymath.c`.

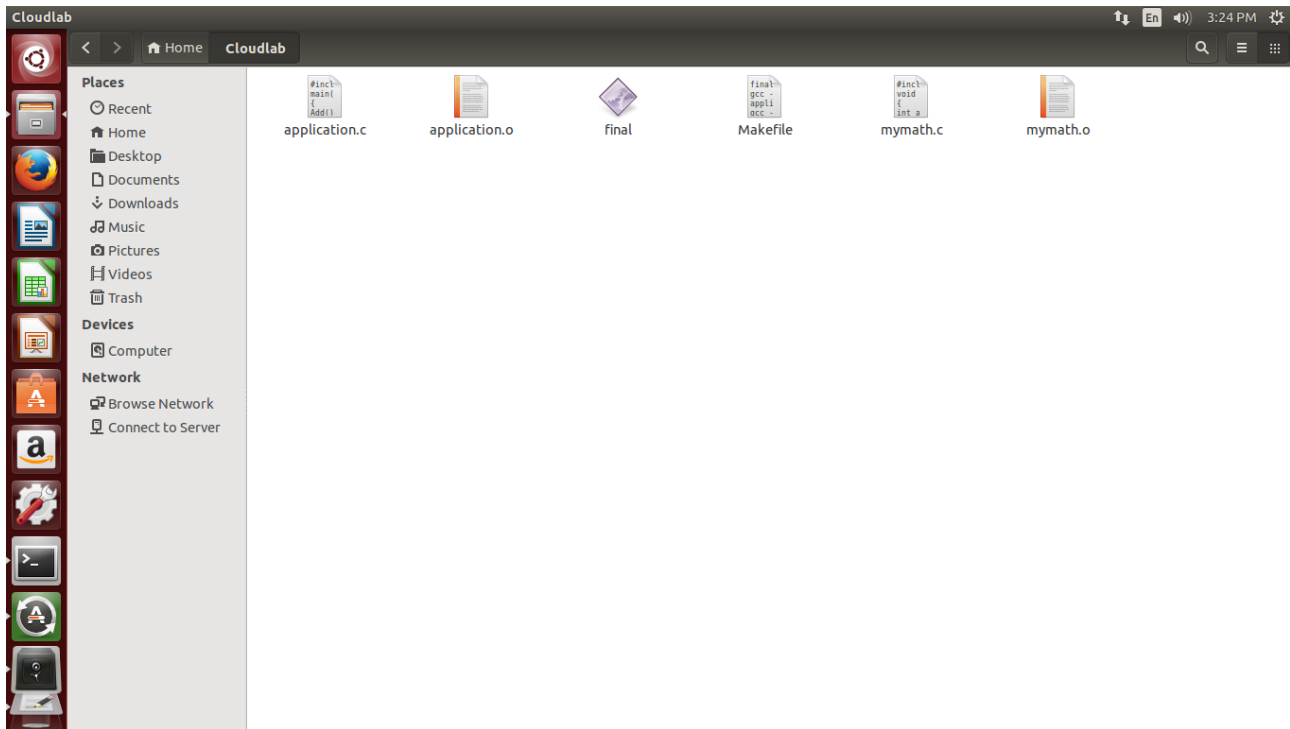
```
user@vmub-hadoop1: ~/Cloudlab
user@vmub-hadoop1:~/Cloudlab$ ls
application.c application.c~ Makefile Makefile~ mymath.c
user@vmub-hadoop1:~/Cloudlab$
```



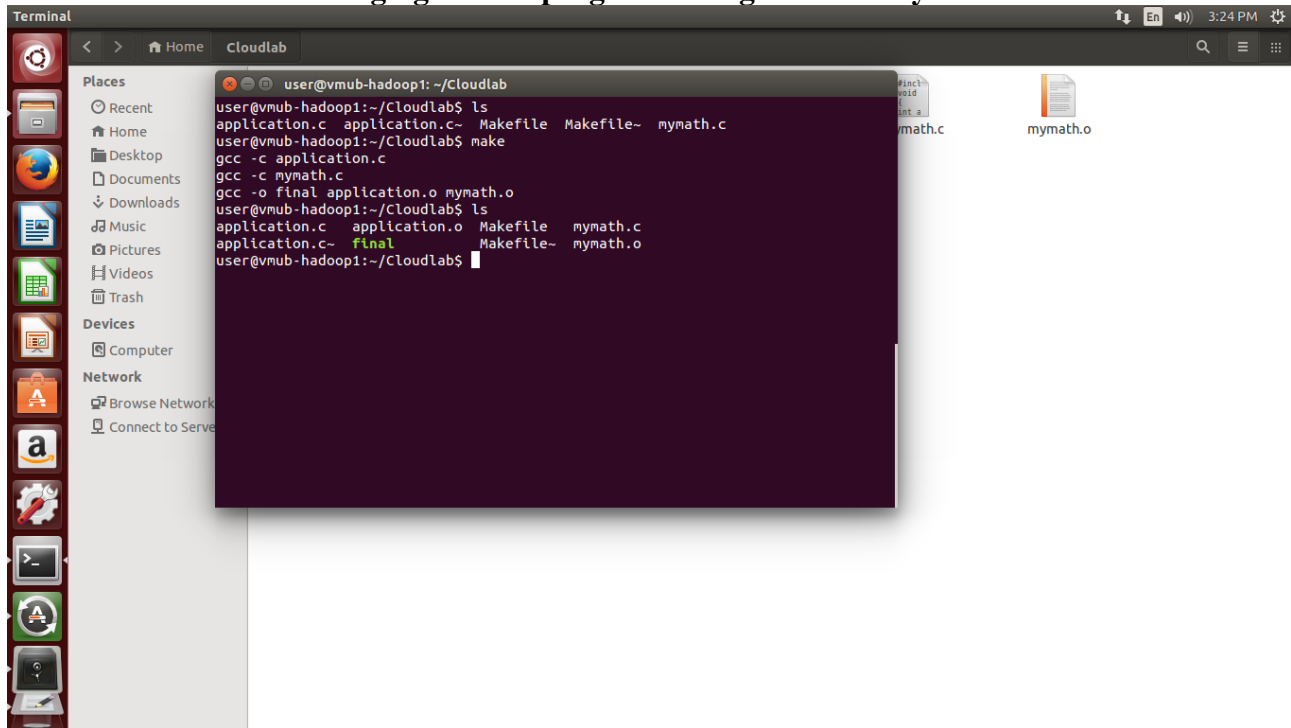
The terminal window shows the user at the prompt `user@vmub-hadoop1: ~/Cloudlab`. The command `make` has been executed, which runs the compilation commands defined in the Makefile: `gcc -c application.c`, `gcc -c mymath.c`, and `gcc -o final application.o mymath.o`. The file manager in the background shows the directory now containing `application.c`, `mymath.c`, and the newly created `mymath.o` file.

```
user@vmub-hadoop1: ~/Cloudlab
user@vmub-hadoop1:~/Cloudlab$ ls
application.c application.c~ Makefile Makefile~ mymath.c
user@vmub-hadoop1:~/Cloudlab$ make
gcc -c application.c
gcc -c mymath.c
gcc -o final application.o mymath.o
user@vmub-hadoop1:~/Cloudlab$
```

Managing a set of programs using make utility



Managing a set of programs using make utility



The screenshot shows a terminal window titled "Terminal" with a dark background. The user is logged in as "user" on a machine named "vmub-hadoop1" in the directory "~/Cloudlab". The terminal output shows the following commands and their results:

```
user@vmub-hadoop1:~/Cloudlab$ ls
application.c  application.c~  Makefile  Makefile~  mymath.c
user@vmub-hadoop1:~/Cloudlab$ make
gcc -c application.c
gcc -c mymath.c
gcc -o final application.o mymath.o
user@vmub-hadoop1:~/Cloudlab$ ls
application.c  application.o  Makefile  mymath.c
application.c~  final          Makefile~  mymath.o
user@vmub-hadoop1:~/Cloudlab$
```

The terminal window is overlaid on a desktop environment. The desktop has a sidebar with icons for "Places" (Recent, Home, Desktop, Documents, Downloads, Music, Pictures, Videos, Trash), "Devices" (Computer), and "Network" (Browse Network, Connect to Server). The desktop background is white, and there are icons for "myath.c" and "mymath.o" on the right side.