

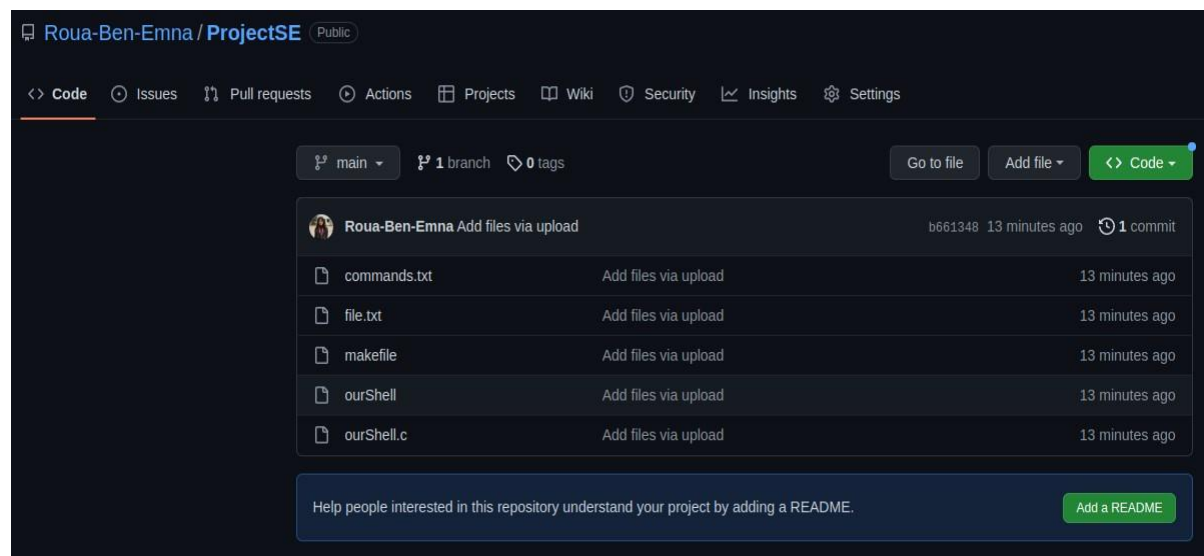
Installation guide

Working environment:

To work on a Unix project, it is generally recommended to use a virtual machine (VM) to ensure that the development environment matches the production environment as closely as possible. This can help to prevent issues that might arise from differences in system configurations or dependencies.

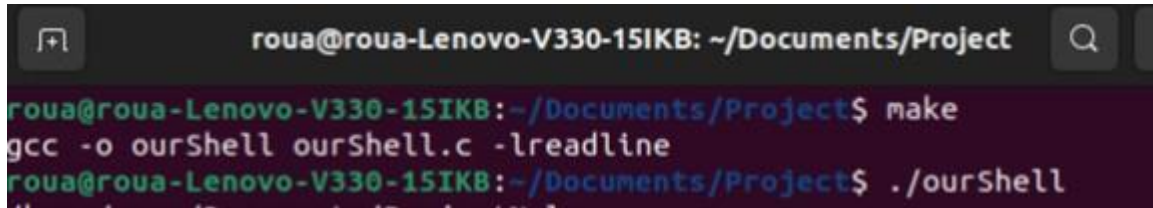
In our case, since we already have a Unix operating system installed on our machine, we may not need to use a VM.

Upload the project to a Git repository



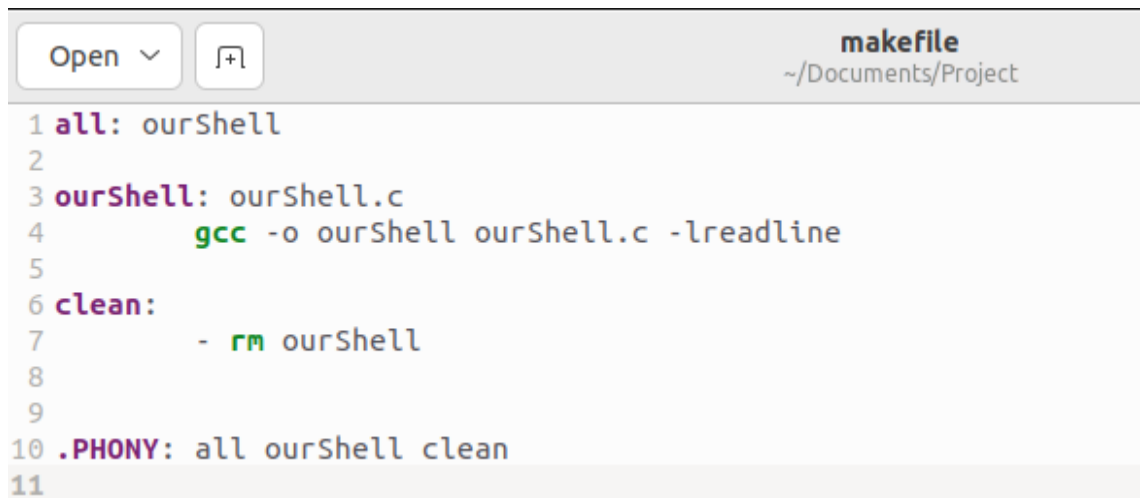
Makefile

A makefile automates the building process of a shell program.



```
roua@roua-Lenovo-V330-15IKB: ~/Documents/Project
roua@roua-Lenovo-V330-15IKB:~/Documents/Project$ make
gcc -o ourShell ourShell.c -lreadline
roua@roua-Lenovo-V330-15IKB:~/Documents/Project$ ./ourShell
```

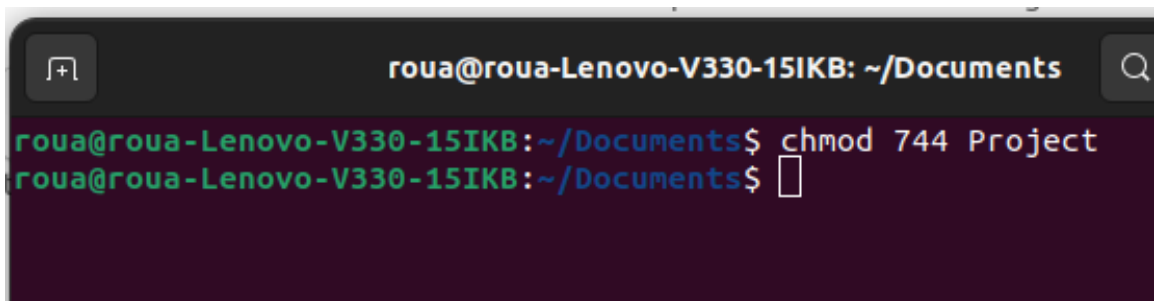
This is a simple makefile for building a shell program:



```
1 all: ourShell
2
3 ourShell: ourShell.c
4     gcc -o ourShell ourShell.c -lreadline
5
6 clean:
7     - rm ourShell
8
9
10 .PHONY: all ourShell clean
11
```

Permission

The user does not have administrative rights on the system. To resolve this, the command "**chmod 744**" must be run on the file or directory in question, to grant the user the necessary permissions to access and modify it.



```
roua@roua-Lenovo-V330-15IKB: ~/Documents
roua@roua-Lenovo-V330-15IKB:~/Documents$ chmod 744 Project
roua@roua-Lenovo-V330-15IKB:~/Documents$
```