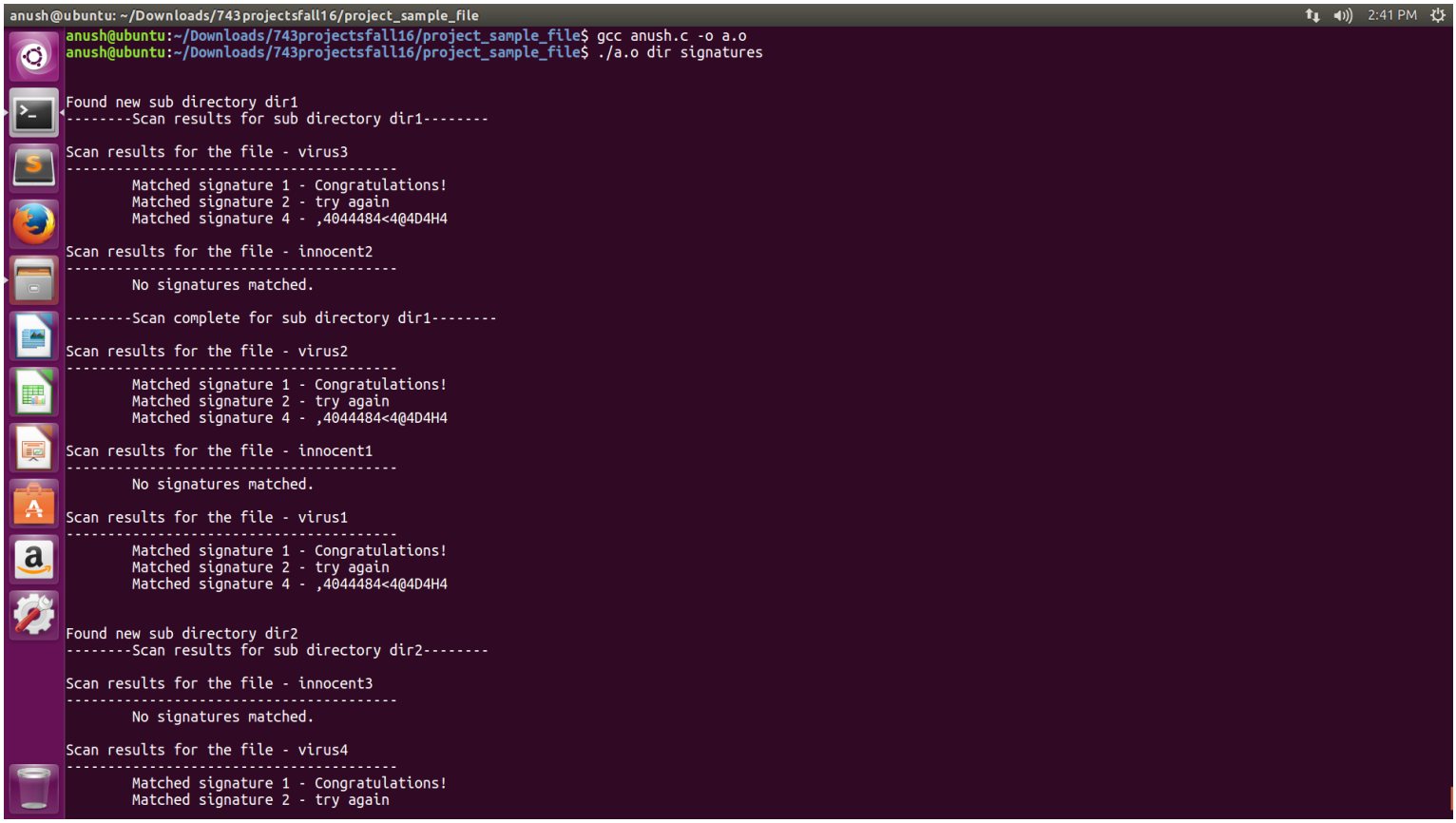
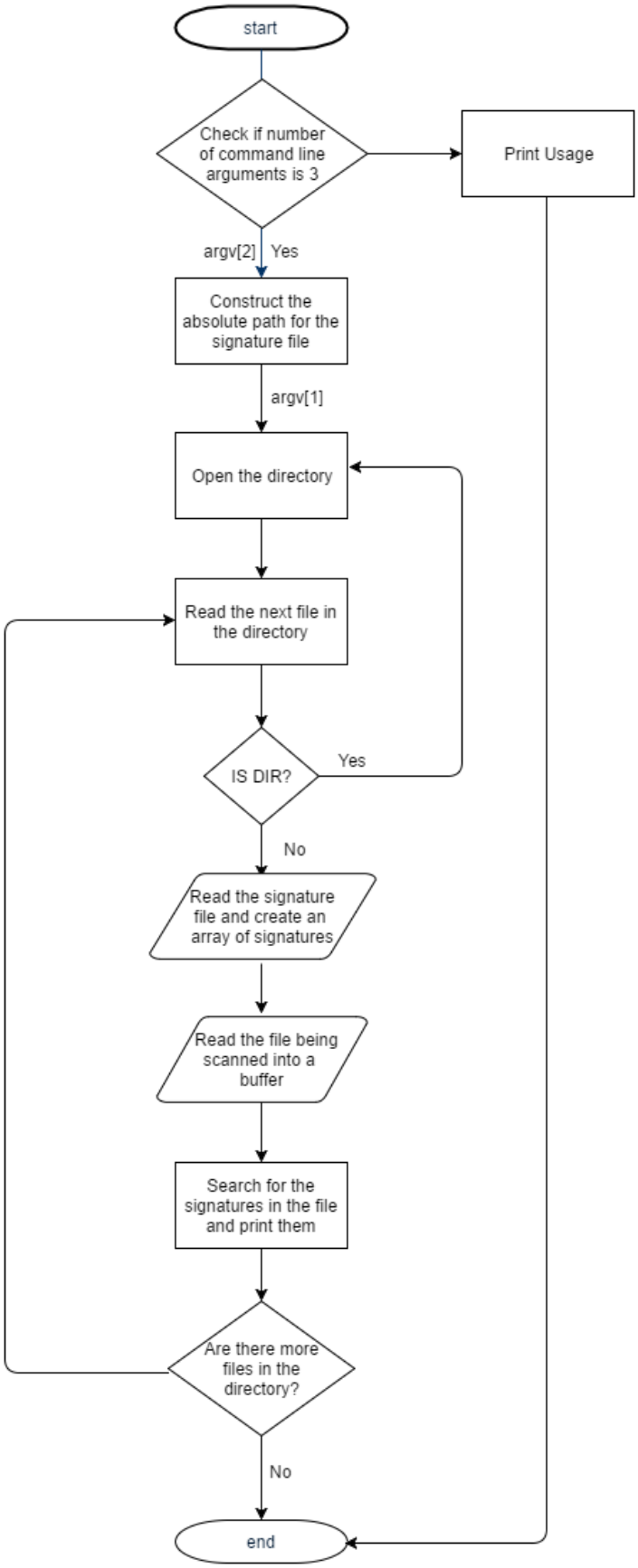
How to run the program?

The program was written and tested on a Ubuntu virtual machine. The commands to run it are:

```
gcc write_signatures.c -o write_signatures.out

./write_signatures.out

gcc scanner.c -o scanner.out

./scanner.out <directory> signatures
```



The scanner was written using the C programming language. The format for the signature files is the simplest with a new signature on each line. The signature file must be a text file.


start
Check if number of command line arguments is 3
Print Usage
argv[2]
Yes
Construct the absolute path for the signature file
argv[1]
Open the directory
Read the next file in the directory
IS DIR?
Yes
No
Read the signature file and create an array of signatures
Read the file being scanned into a buffer
Search for the signatures in the file and print them
Are there more files in the directory?
No
end