

Setup and Compilation-

- Download and unzip the files listed below into a Linux base system using GCC
- All files included are:
 - main.c
 - fileRead.c
 - fileRead.h
 - commands.c
 - commands.h
 - makefile
 - commands.txt (can be edited or replaced for different commands)
- Environment: A unix based system should be used with a gcc compiler.
- Compiling: to compile the program you must enter **make** into the window on your unix system. This will compile the files and output a file named **command**.
- Running the Program: Type **./command** to run the program. This will read **commands.txt** so edit or replace this with your file. This .txt file needs to be placed with the program as it continuously reads from the file. No user input is required for this program.
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- Output: The output will display in your unix window. This will show you the commands that are processed and it will display extra depending on the function that is executed.

Example

```
Cannot access above this point.  
$ ls  
D Dir2  
$ whereis F1  
F1 is located in :root/Dir2/Dirsub2/  
$ whereis Dirsub2  
Dirsub2 is located in :root/Dir2/  
$ whereis Dir2  
Dir2 is located in :root/  
$ whereis Dirsub1  
Dirsub1 is located in :root/Dir2/  
$ pwd  
root/  
$ ls  
D Dir2  
$ bye
```

This example is done in Ubuntu Linux based system.