# **CAOS Assignment 1**

### Make your own shell

# **Commands being executed:**

Internal:

cd', 'echo', 'history', 'pwd' and 'exit'

External:

ls', 'cat', 'date', 'rm' and 'mkdir'

For external commands, all options such as '-v', i.e. verbose flag, '-r', '-f', etc. all will work in this shell

For internal command, 'echo', option '-n' and '-E' will work.

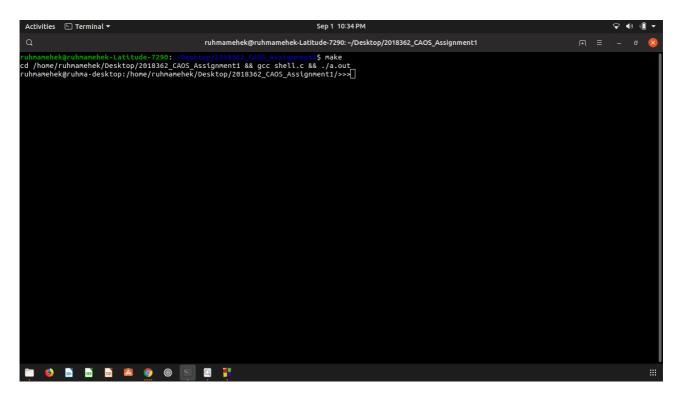
For internal command, 'history', option '-c' and '-n' will work.

For internal command 'pwd', option '-L' and '-P' will work.

Error cases such as trying to remove an invalid directory, using a wrong option for pwd, using echo for a blank line, trying to open a file that does not exist, trying to create a directory with the same name, etc. are handled by the shell

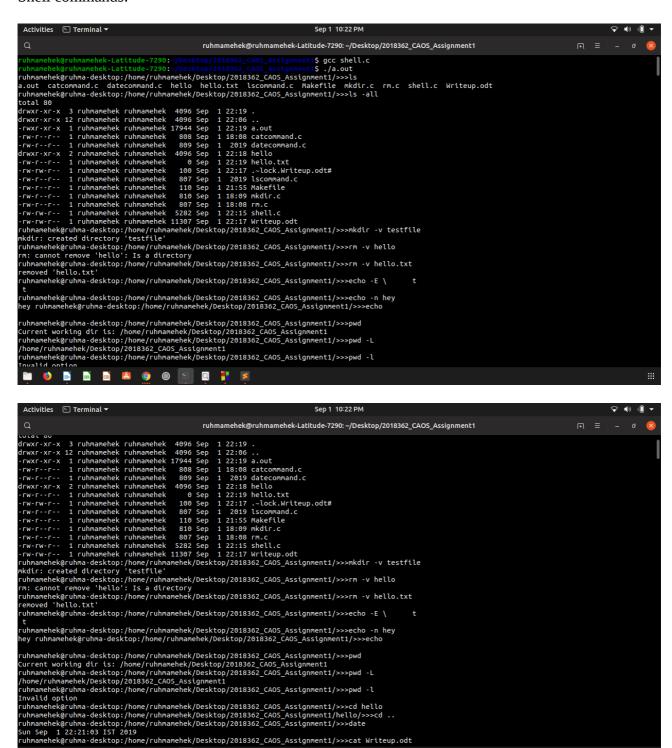
Screenshots are attached below to show the working of the shell:

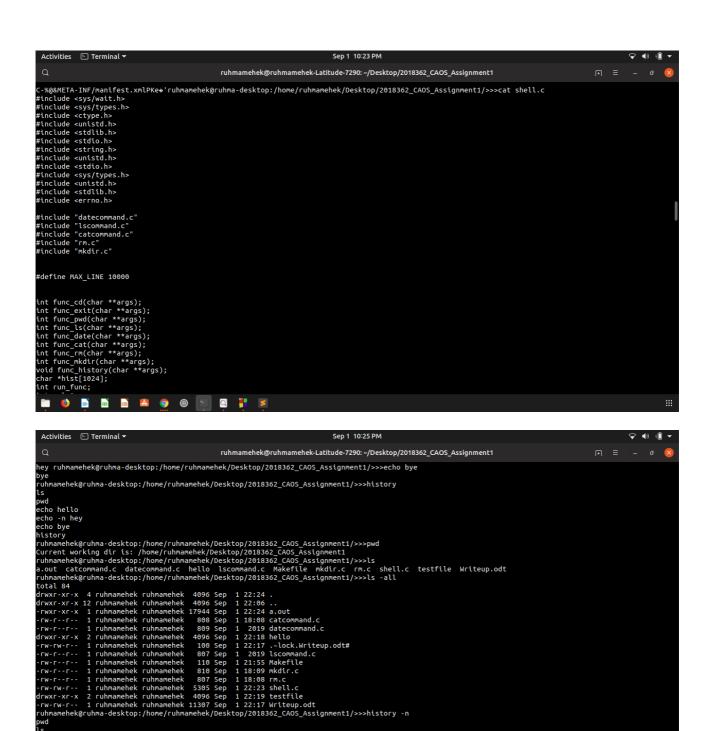
#### Makefile:



#### Shell commands:

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