

README.txt

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*****This README is for OPERATING SYSTEM - EXERCISE 1*****

****EXERCISE 1****

-Description:

In computing, a shell is a user interface for access to an operating system's services. In general, operating system shells use either a command-line interface (CLI) or graphical user interface (GUI), depending on a computer's role and particular operation.

in this exercise i'd asked to simulate a shell of operating system.

in this shell we will use to execute commands like: ls,man,echo,ps and more...

if the command save in the system the shell will run it, if not a faild messege appears on the display (you can read more about it in output description...)

if we want to exit from the shell we will right the command "done".

-How to compile?

For compile the program you should doing a few steps

- 1) go to Terminal
- 2) write in command line: "cd <The file adress/folder>" and navigate to the folder of the file
- 3) now when you enter the right folder, write in command line: "make".

*****FINISH COMPILE*****

right after you compiled the program at the Terminal you need to stay inside the Terminal and write in command line: `./ex1.o`

- 1)ex1.c
- 2)makefile
- 3)README.pdf

the input in this shell is: the user need to input a commands as he need.

if the command exist it will execute the command, and if is not exist it wont.

The output in this shell is: when we execute the program it will print:
exitstatus,username and hostname. it will print it in this format:
[user]@[host]> --- in the first time it will print '0'
this is called - command line.
after printing the command line the user need to input his command and then
the program try to execute is. if execute faild we get an error messege:
"[name of command]: command not found" and after that it will print again the command line but
whit a littel change in the "reutrn code".

That all..

Thank you for investment your time to README.

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*****END OF README*****  
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