

OS-ASSIGNMENT1

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The shell handles 3 internal commands

- 1) cd
- 2) pwd
- 3) echo

1) On giving the command `cd ..` it goes to the previous directory and on giving the command `cd <directory name>` it will enter into the directory.

2) On giving the command `pwd` current working directory will be displayed.

3) `echo` and a string will display the string;

The shell also handles 5 external commands

- 1) ls
- 2) cat
- 3) rm
- 4) date

1) ls

- a) If we give the command only `ls` it will display all the files of the current working directory.
- b) If we give the command `ls <file Name>` then it will tell if that file is present in the current working directory or not

2) cat

- a) If we give the command `cat <file Name>` it will display the contents of that particular file.

3) rm

- a) `rm-i <file Name>` deletes a file but it asks for a confirmation if the user wants to delete a file or not.
- b) `rm-f <file Name>` deletes a file as soon as the command is given.

5) date

- a) If only `date` is given as the command then it will display the system date and time.
- b) If `date-m` is passed then the user needs to press enter and then type a number between 1-12 and it will return the name of the month. If a number greater than 12 is entered it will give an error.

If the command does not match with any of these commands an error will be displayed.

In `cat_c` command if there is no such file then a blank line will be shown.

If on lst <fileName> there is no such file an error will be displayed.

Test case

```
cd ..  
pwd  
cd <directory>  
cd ..  
pwd  
cat_c<fileName>  
echo String  
date  
date-m  
rm-i <file>  
rm-f  
exit
```