

Documentation

Basic Linux/Unix shell

System:

- The attached code is written in 6 separate c files.

All the internal and external command options are given in help.txt file.

The major errors handled and assumptions made throughout the program were mainly the ones:

- Command not supported
- Missing Argument
- Directory doesn't exist
- Can't delete directories by default
- Directory already exists
- file not present

Assumption made:

as ln is used to implement symbolic link and we did not have to implement ln physical address will be the same as symbolic address that is -P command will work in the same way as -L command.

- Test Case:
 - ls
 - ls -l
 - ls -a
 - cat file1
 - cat file1 file2
 - cat -E file1
 - cat -n file2
 - date
 - date -u
 - rm file1
 - rm file1 file2
 - rm -f file2
 - rm -i file1
 - mkdir a
 - mkdir c b

- `mkdir -v d`
- `mkdir -p sahil/naman`
- `cd path`
- `cd -`
- `cd --help`
- `cd ..`
- `echo text`
- `echo --help`
- `pwd`
- `pwd -L`
- `pwd --help`
- `exit`
- `exit --help`