

Linux Cmd Prompt

```
cd change dir  
pwd path work dir  
~ home dir  
. current dir  
.. parent dir  
ls list files  
ls -l long list  
ls -lt list wrt time  
ls -ltr list wrt time rev  
gedit open file in editor  
mkdir create dir, eg mkdir d1 d2 d3 (mul dir)  
mkdir -p create dir appropriate path  
rmdir remove dir  
gcc -g -Wall -o prog prog1.c  
-o prog is name of exec file def: a.out  
. /prog ./a.out run exec  
cp p1.c p2.c copy p1 2 p2  
cp -i interactive give warnings n stuff  
mv p1.c p2.c move p1 2 p2  
rm p1.c  
alias
```

```
87 # colored GCC warnings and errors  
88 #export GCC_COLORS='error=01;31:warning=01;33:note=01;34:info=01;35:help=01;36'  
89  
90 # some more ls aliases  
91 alias ll='ls -alF'  
92 alias la='ls -A'  
93 alias l='ls -CF'  
94  
95 # other aliases  
96 alias cp='cp -i'  
97 alias mv='mv -i'  
98 alias rm='rm -i'  
99  
100 # Add an "alert" alias for long running commands.  
101 # sleep 10; alert  
102 alias alert='notify-send --urgency=low -i  
103  
104 "
```

less file.c open file in terminal but within terminal space to navigate, no edit

inside less'ed file: space fwd, b bwd, q quit, / search, man less more-info

cat file.c open entire file at once, no edit

./p1.c < input.txt stdin'put file

./p1.c > output.txt stdout'put file

inp1 | inp2 | takes outp of 1st, feeds it to 2nd

cat input.txt | .prog1 is eqv to

./prog1 < input.txt

man cmd manual page of cmd eg man ls

Useful references / cheat-sheets

http://cli.learncodethehardway.org/bash_cheat_sheet.pdf

<https://ubuntudanmark.dk/filer/fwunixref.pdf>

<http://www.ucs.cam.ac.uk/docs/leaflets/u5>

<http://mally.stanford.edu/~sr/compuGng/basic-unix.html>

<http://www.math.utah.edu/lab/unix/unix-commands.html>