

# SPractical No. 1

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**Command:** pwd , echo <arguments>

**Screenshot :**

```
Tejaswini@LAPTOP-COS64E96 MINGW64 ~ (main)
$ pwd
/c/Users/Tejaswini

Tejaswini@LAPTOP-COS64E96 MINGW64 ~ (main)
$ echo Hello World
Hello World
```

**Command:** ls

**Screenshot :**

```
MINGW64:/c/Users/Tejaswini
$ ls
'AppData'@
'Application Data'@
'Contacts'@
'Cookies'@
'Documents'/
'Downloads'/
Evenodd.py
'Favorites'/
'Links'/
'Local Settings'@
'Music'/
'My Documents'@
NTUSER.DAT
NTUSER.DAT{8bce4b7b-a83a-11f0-96a3-98c4d8967d9a}.TM.blf
NTUSER.DAT{8bce4b7b-a83a-11f0-96a3-98c4d8967d9a}.TMContainer00000000000000000000000000000000
1.regtrans-ms
NTUSER.DAT{8bce4b7b-a83a-11f0-96a3-98c4d8967d9a}.TMContainer00000000000000000000000000000000
2.regtrans-ms
'NetHood'@
'OneDrive'/
PRACTICAL3.html
'PrintHood'@
'Recent'@
'Saved Games'/
'Searches'/
'SendTo'@
'Start Menu'@
'Templates'@
'Videos'/
'WPS Cloud Files'/
__pycache__/
application.py
celsius_to_fahrenheit.py
even.py
event.py
factorial.py
menu.py
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini
prc3.html
primeno.py
project_python.py
python2.py
python_project1.py
pythonproject3.py
qualification.py
radiobutton.py
read.py
subjects.py
'tejaswini electric exp 07.docx'
tkinker.py
tpractical.html
values1.py
```

**Command:** Cat <filename>

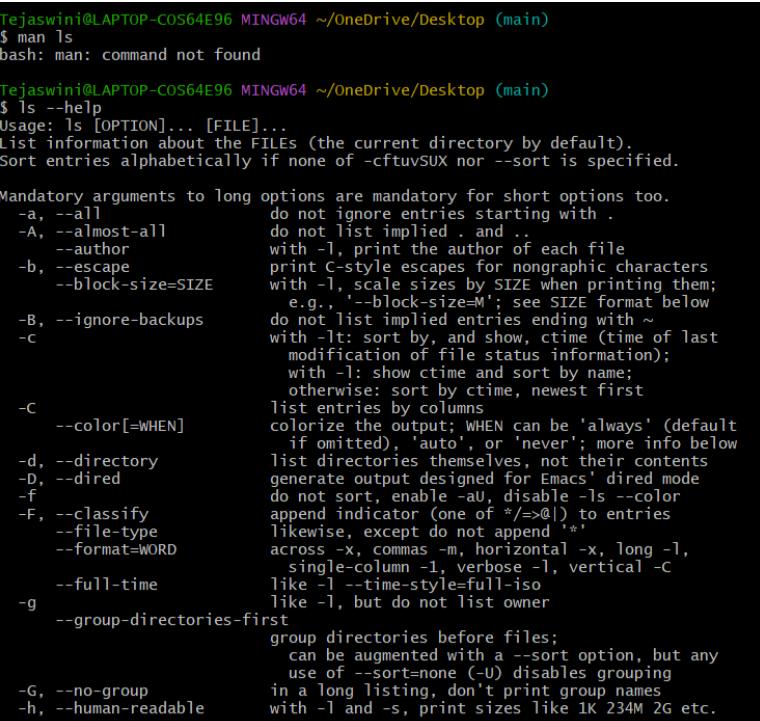
*Screenshot :*



```
MINGW64:/c/Users/Tejaswini/OneDrive/Desktop
Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ cat data.txt
Hello World
nano cat chmod u+r,w-x,g+w filename
```

**Command:** man <command>

*Screenshot :*



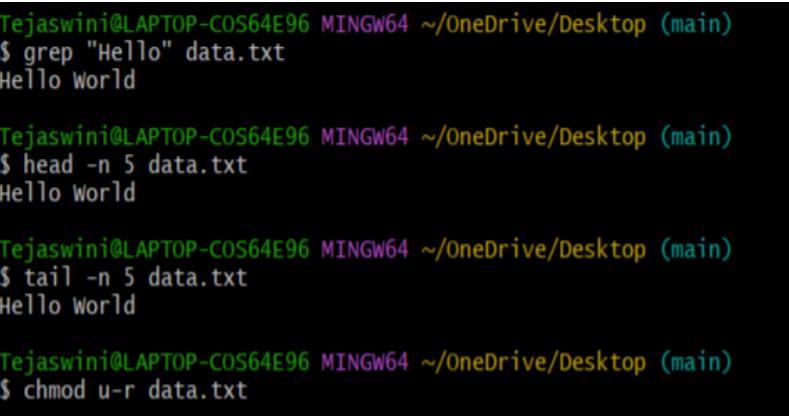
```
Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ man ls
bash: man: command not found

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ ls --help
Usage: ls [OPTION]... [FILE]...
List information about the FILEs (the current directory by default).
Sort entries alphabetically if none of -cftuvSUX nor --sort is specified.

Mandatory arguments to long options are mandatory for short options too.
  -a, --all          do not ignore entries starting with .
  -A, --almost-all   do not list implied . and ..
  --author          with -l, print the author of each file
  --block-size=SIZE  print C-style escapes for nongraphic characters
                    with -l, scale sizes by SIZE when printing them;
                    e.g., '--block-size=M'; see SIZE format below
  -B, --ignore-backups  do not list implied entries ending with ~
  -c                with -lt: sort by, and show, ctime (time of last
                    modification of file status information);
                    with -li: show ctime and sort by name;
                    otherwise: sort by ctime, newest first
  -C                list entries by columns
  --color[=WHEN]     colorize the output; WHEN can be 'always' (default
                    if omitted), 'auto', or 'never'; more info below
  -d, --directory    list directories themselves, not their contents
  -D, --dirend       generate output designed for Emacs' dirend mode
  -f                do not sort, enable -au, disable -ls --color
  -F, --classify    append indicator (one of */=>@|) to entries
  --file-type        likewise, except do not append '*'
  --format=WORD      across -x, commas -m, horizontal -x, long -l,
                    single-column -1, verbose -l, vertical -c
  --full-time        like -l --time-style=full-iso
  -g                like -l, but do not list owner
  --group-directories-first
                    group directories before files;
                    can be augmented with a --sort option, but any
                    use of --sort=none (-U) disables grouping
  -G, --no-group    in a long listing, don't print group names
  -h, --human-readable  with -l and -s, print sizes like 1K 234M 2G etc.
```

**Command:** grep "<string>"<file> , head -n <N><file> , tail -n <N><file> , chmod u-r <filename>

*Screenshot :*



```
Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ grep "Hello" data.txt
Hello World

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ head -n 5 data.txt
Hello World

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ tail -n 5 data.txt
Hello World

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ chmod u-r data.txt
```

**Command:** cp <source><destination> , mv<source><destination>

*Screenshot :*

```
Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ cp first.txt newfile.txt

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ ls
'CodeTantra SEA.Tnk'*  desktop.ini  'new (2).txt'  practical/
OS_CD24057/           first.txt    newfile.txt

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ mv newfile.txt data.txt

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ ls
'CodeTantra SEA.Tnk'*  data.txt     first.txt     practical/
OS_CD24057/           desktop.ini  'new (2).txt'
```

**Command:** rm<filename>

*Screenshot :*

```
Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ rm final.txt

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ ls
'CodeTantra SEA.Tnk'*  desktop.ini  'new (2).txt'
OS_CD24057/           first.txt    practical/
```

**Command:** chmod u+w,o-rwx<filename> , chmod u+rwx,g+rx,o+r <filename> , chmod o+rwx<filename> , chmod a-rwx <filename> , chmod 700<filename> , chmod 600<filename> , chmod a+x <filename>

*Screenshot :*

```
Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ chmod u+w,o-rwx data.txt

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ chmod u+rwx,g+rx,o+r data.txt

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ chmod o+rwx data.txt

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ chmod a-rwx data.txt

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ chmod 700 data.txt

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ chmod 600 data.txt

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ chmod a+x data.txt

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ |
```

**Command:** mkdir <directory-name>

*Screenshot :*

```
Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ mkdir practical

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ ls
'CodeTantra SEA.Lnk'*  desktop.ini  first.txt  new.txt
OS_CD24057/           final.txt   'new (2).txt'  practical/

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ |
```

**Command:** cd<directory-path>

*Screenshot:*

```
MINGW64:/c/Users/Tejaswini/OneDrive/Desktop/OS_CD24057

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ ls
'CodeTantra SEA.Lnk'*  OS_CD24057/  desktop.ini

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ cd OS_CD24057
```