

SPractical No. 1

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Roll No: CD24057

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

Tejaswini@LAPTOP-COS64E96 MINGW64 ~ (main)
$ 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.b1f
NTUSER.DAT{8bce4b7b-a83a-11f0-96a3-98c4d8967d9a}.TMContainer000000000000000000
1. regtrans-ms
NTUSER.DAT{8bce4b7b-a83a-11f0-96a3-98c4d8967d9a}.TMContainer000000000000000000
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
```

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
```

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 -eftuvSUX 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
  -b, --escape                   print C-style escapes for nongraphic characters
      --block-size=SIZE          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 -l: 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, --dired                   generate output designed for Emacs' dired 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.
```

Screenshot :

```
Tejaswini@LAPTOP-C0S64E96 MINGW64 ~/OneDrive/Desktop (main)
$ grep "Hello" data.txt
Hello World

Tejaswini@LAPTOP-C0S64E96 MINGW64 ~/OneDrive/Desktop (main)
$ head -n 5 data.txt
Hello World

Tejaswini@LAPTOP-C0S64E96 MINGW64 ~/OneDrive/Desktop (main)
$ tail -n 5 data.txt
Hello World

Tejaswini@LAPTOP-C0S64E96 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.lnk'*  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.lnk'*  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.lnk'*  desktop.ini  'new (2).txt'
OS_CD24057/           first.txt    practical/
```

Command: chmod u+w,o-rwx<filename> , chmod u+rw,g+rx,o+r <filename> , chmod o+rw<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+rw,g+rx,o+r data.txt

Tejaswini@LAPTOP-COS64E96 MINGW64 ~/OneDrive/Desktop (main)
$ chmod o+rw 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:

A screenshot of a terminal window with a title bar that reads "MINGW64:/c/Users/Tejaswini/OneDrive/Desktop/OS_CD24057". The terminal shows the user 'Tejaswini' at 'LAPTOP-COS64E96' in a 'MINGW64' shell. The prompt is '~/.OneDrive/Desktop (main)'. The user enters '\$ ls', and the output shows a list of files and directories: 'CodeTantra SEA.lnk', desktop.ini, first.txt, new.txt, OS_CD24057/, final.txt, 'new (2).txt', and practical/. The user then enters '\$ cd OS_CD24057'.