

# Practical No. 1

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

*Screenshot :*

```
sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ pwd
/c/Users/sonus/OneDrive/Desktop

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ echo Hello World
Hello World
```

**Command:** ls

*Screenshot :*

```
sonus@DESKTOP-5EHSD6U MINGW64 ~/OneDrive/Desktop (main)
$ ls
'360 Extreme Browser.lnk'      'FP_PROJECT REPORT FORMAT (1).pdf'  'Presentation 20.pdf'          'python postlab sonu (1) (1).pdf'  sonu3.html
Canva.lnk'                    'FP_PROJECT REPORT FORMAT.pdf'      'comet_installer_latest (1).exe'  sanika.pdf                       'sonushingare.ds248.lnk'
CodeTantra.SEA-x64-4.2.0.exe'  OS_CD24053/                         comet_installer_latest.exe'      'sonu folder/'                   'sonuuu pptt .pptx'
CodeTantra.SEA-x64-4.3.0.exe'  OS_CD24064/                         desktop.ini                       'sonu fp.pdf'                    sonuuu.pptx
Comet.lnk'                    'Presentation 20 sonuu(1).pdf'       prelab.pdf                      sonu.html                        'sonuuuuu fppppp.pdf'
```

*Screenshot :*

**Command:** man <command>

**Screenshot :**

```

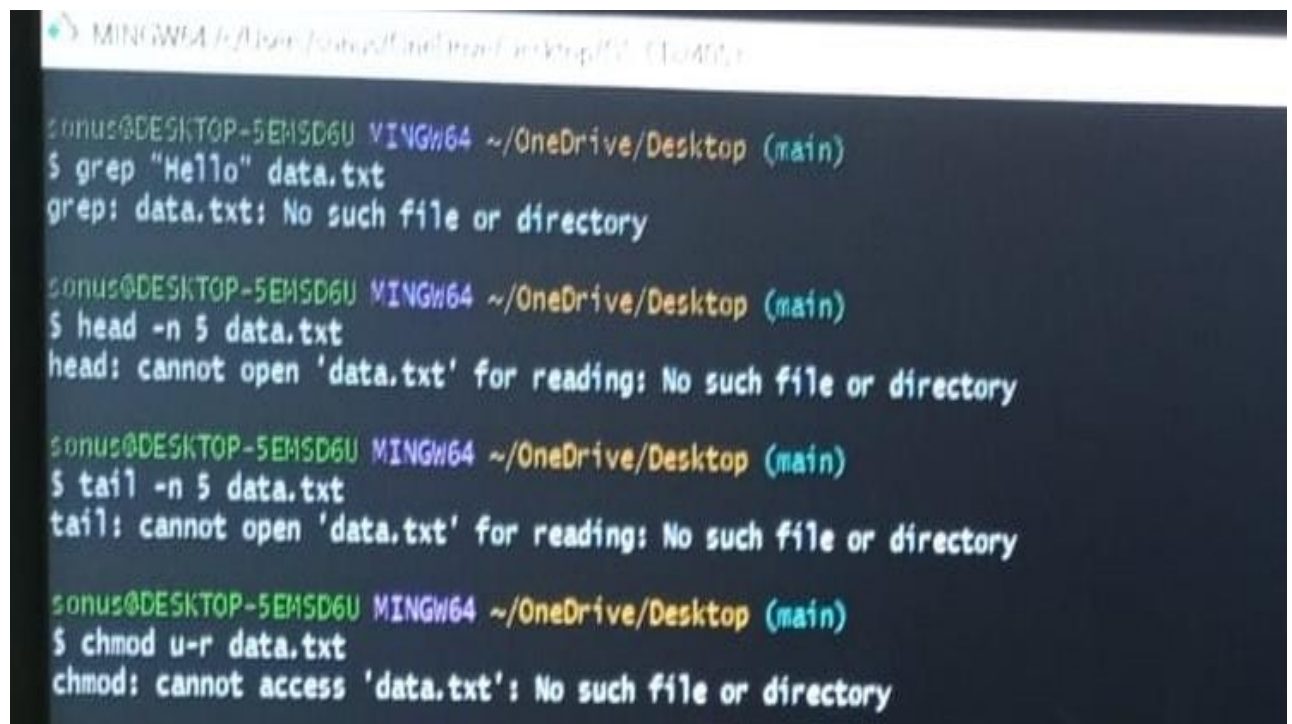
MINGW64/c/Users/sonus/OneDrive/Desktop/OS_CD24053
sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (rain)
$ ls --help
Usage: ls [OPTION]... [FILE]...
List information about the FILES (the current directory by default).
Sort entries alphabetically if none of -cftuvSUX nor --sort is specified.

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 -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 -l, 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.
--si likewise, but use powers of 1000 not 1024
-H, --dereference-command-line follow symbolic links listed on the command line
--dereference-command-line-symlink-to-dir follow each command line symbolic link
that points to a directory
--hide=PATTERN do not list implied entries matching shell PATTERN
(overridden by -a or -A)
--hyperlink[=WHEN] hyperlink file names; WHEN can be 'always'
(default if omitted), 'auto', or 'never'
--indicator-style=WORD append indicator with style WORD to entry names:
none (default), slash (-p),
file-type (--file-type), classify (-F)

```

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

*Screenshot :*



```
MINGW64 ~/OneDrive/Desktop (main)
sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ grep "Hello" data.txt
grep: data.txt: No such file or directory

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ head -n 5 data.txt
head: cannot open 'data.txt' for reading: No such file or directory

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ tail -n 5 data.txt
tail: cannot open 'data.txt' for reading: No such file or directory

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ chmod u-r data.txt
chmod: cannot access 'data.txt': No such file or directory
```



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

**Screenshot :**

```
sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ cp first.txt newfile.txt
cp: cannot stat 'first.txt': No such file or directory

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ ls
'360 Extreme Browser.lnk*'  'FP_PROJECT REPORT FORMAT (1).pdf'  'Presentation 20.pdf'  'python postlab sonu (1) (1).pdf'  sonu3.html
Canva.lnk*                  'FP_PROJECT REPORT FORMAT.pdf'      'comet_installer_latest (1).exe'  'sanika.pdf'                      'sonushingare.ds248.lnk*'
CodeTantra.SEA-x64-4.2.0.exe  OS_CD24053/                          'comet_installer_latest.exe'     'sonu folder/'                    'sonuus pptt .pptx'
CodeTantra.SEA-x64-4.3.0.exe  OS_CD24064/                          desktop.ini                   'sonu fp.pdf'                     'sonuus.pptx'
Comet.lnk*                  'Presentation 20 sonuu(1).pdf'        prelab.pdf                  'sonu.html'                       'sonuuuuu fpppppp.pdf'

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ mv newfile.txt data.txt
mv: cannot stat 'newfile.txt': No such file or directory

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ ls
'360 Extreme Browser.lnk*'  'FP_PROJECT REPORT FORMAT (1).pdf'  'Presentation 20.pdf'  'python postlab sonu (1) (1).pdf'  sonu3.html
Canva.lnk*                  'FP_PROJECT REPORT FORMAT.pdf'      'comet_installer_latest (1).exe'  'sanika.pdf'                      'sonushingare.ds248.lnk*'
CodeTantra.SEA-x64-4.2.0.exe  OS_CD24053/                          'comet_installer_latest.exe'     'sonu folder/'                    'sonuus pptt .pptx'
CodeTantra.SEA-x64-4.3.0.exe  OS_CD24064/                          desktop.ini                   'sonu fp.pdf'                     'sonuus.pptx'
Comet.lnk*                  'Presentation 20 sonuu(1).pdf'        prelab.pdf                  'sonu.html'                       'sonuuuuu fpppppp.pdf'
```

**Command:** rm<filename>

**Screenshot :**

```
sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ rm final.txt
rm: cannot remove 'final.txt': No such file or directory

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ ls
'360 Extreme Browser.lnk*'  'FP_PROJECT REPORT FORMAT (1).pdf'  'Presentation 20.pdf'  'python postlab sonu (1) (1).pdf'  sonu3.html
Canva.lnk*                  'FP_PROJECT REPORT FORMAT.pdf'      'comet_installer_latest (1).exe'  'sanika.pdf'                      'sonushingare.ds248.lnk*'
CodeTantra.SEA-x64-4.2.0.exe  OS_CD24053/                          'comet_installer_latest.exe'     'sonu folder/'                    'sonuus pptt .pptx'
CodeTantra.SEA-x64-4.3.0.exe  OS_CD24064/                          desktop.ini                   'sonu fp.pdf'                     'sonuus.pptx'
Comet.lnk*                  'Presentation 20 sonuu(1).pdf'        prelab.pdf                  'sonu.html'                       'sonuuuuu fpppppp.pdf'
```

**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 :**

```
sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ chmod u+w,o-rwx data.txt
chmod: cannot access 'data.txt': No such file or directory

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ chmod u+rw,g+rx,o+r data.txt
chmod: cannot access 'data.txt': No such file or directory

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ chmod o+rw data.txt
chmod: cannot access 'data.txt': No such file or directory

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ chmod a-rwx data.txt
chmod: cannot access 'data.txt': No such file or directory
```

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

*Screenshot :*

```
sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ mkdir practical

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
```

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

*Screenshot:*

```
sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ ls
'360 Extreme Browser.lnk*'  'FP_PROJECT REPORT FORMAT (1).pdf'  'Presentation 20.pdf'  prelab.pdf
Canva.lnk*                  'FP_PROJECT REPORT FORMAT.pdf'      'comet_installer_latest (1).exe'  'python postlab sonu (1) (
CodeTantra.SEA-x64-4.2.0.exe" OS_CD24053/                          comet_installer_latest.exe"      sanika.pdf
CodeTantra.SEA-x64-4.3.0.exe" OS_CD24064/                          desktop.ini                  'sonu folder'/
Comet.lnk*                  'Presentation 20 sonuu(1).pdf'        practical/                  'sonu fp.pdf'

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ cd OS_CD24053

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop/OS_CD24053 (main)
$
```