

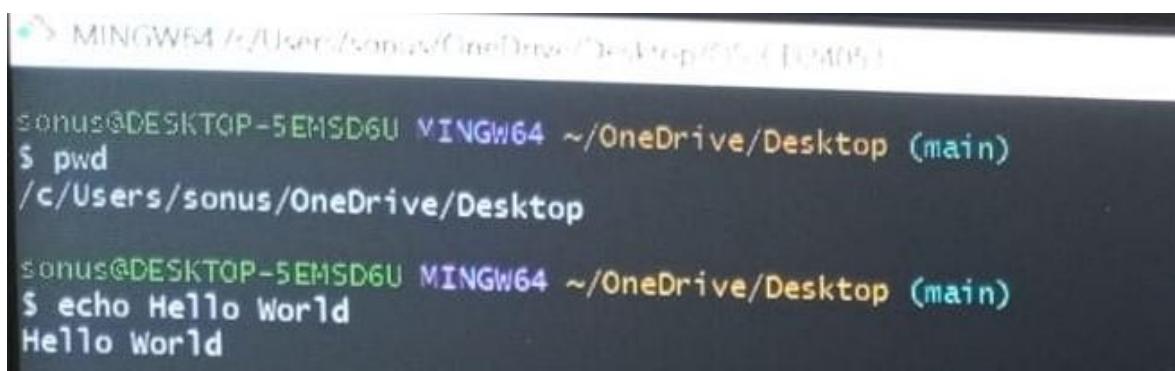
Practical No. 1

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Roll No: CD24053

Command: pwd , echo <arguments>

Screenshot :

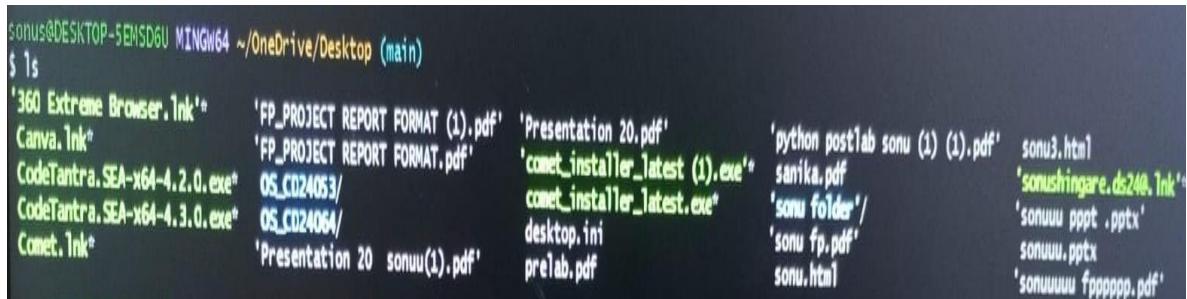


```
MINGW64 ~/OneDrive/Desktop (main)
sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ pwd
/c/Users/sonus/OneDrive/Desktop

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

Command: ls

Screenshot :



```
sonus@DESKTOP-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.htm1
Canva.lnk'                      'FP_PROJECT REPORT FORMAT.pdf' 'comet_installer_latest (1).exe'  'sanika.pdf'                  'sonushingare.ds240.lnk'
CodeTantra.SEA-x64-4.2.0.exe*   'OS_CD24053/'                 'comet_installer_latest.exe'    'sonu folder/'               'sonuuu pptx.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'                 'sonuuuu fpppppp.pdf'
```

Command: Cat <filename>

Screenshot :

```
sonus@DESKTOP-SEMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ cat data.txt
cat: data.txt: No such file or directory

sonus@DESKTOP-SEMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ man ls
bash: man: command not found
```

Command: man <command>

Screenshot :

```
MINGW64:/c/Users/sonus/OneDrive/Desktop/OS_CD24053
sonus@DESKTOP-SEMSD6U 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
-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
--color[=WHEN]
        list entries by columns
        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, --classify
        do not sort, enable -aU, disable -ls --color
        append indicator (one of ">@!") to entries
        Likewise, except do not append '*'
        across -x, commas -m, horizontal -x, long -l,
        single-column -1, verbose -l, vertical -C
--full-time
        like -l --time-style=full-iso
        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.
        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 :

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

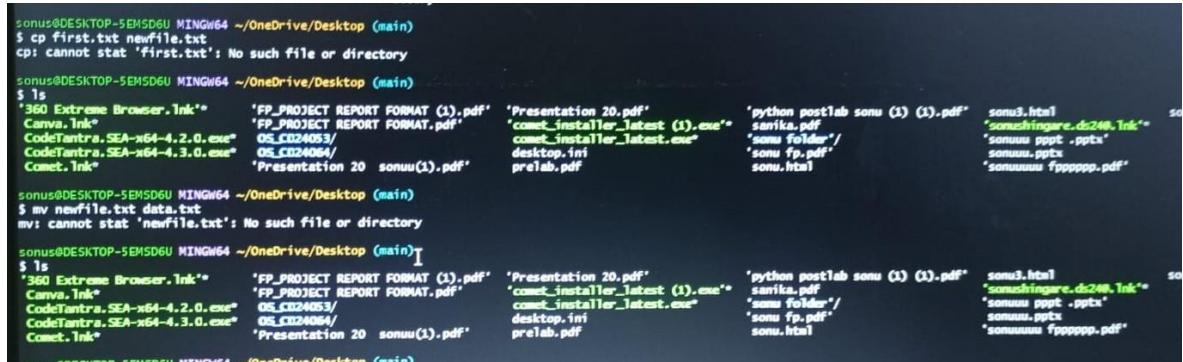
sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ head -n 5 data.txt
head: cannot open 'data.txt' for reading: No such file or directory

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.Tnk'" 'FP_PROJECT REPORT FORMAT (1).pdf' 'Presentation 20.pdf' 'python postLab sonu (1) (1).pdf' 'sonu3.html'
'Canva.Ink' 'FP_PROJECT REPORT FORMAT.pdf' 'comet_installer_latest (1).exe'" 'sanika.pdf' 'sonuIngnore.ds248.Tnk'" so
'CodeTantra_SEA-x64-4.2.0.exe' 'OS_CD24053/' 'comet_installer_latest.exe'" 'sonu folder/' 'sonu.pptx'
'CodeTantra_SEA-x64-4.3.0.exe' 'OS_CD24064/' 'desktop.ini' 'sonu fp.pdf' 'sonu.pptx'
'Comet.Tnk'" 'Presentation 20 sonuu(1).pdf' 'preLab.pdf' 'sonu.html' 'sonuu fpppppp.pdf'

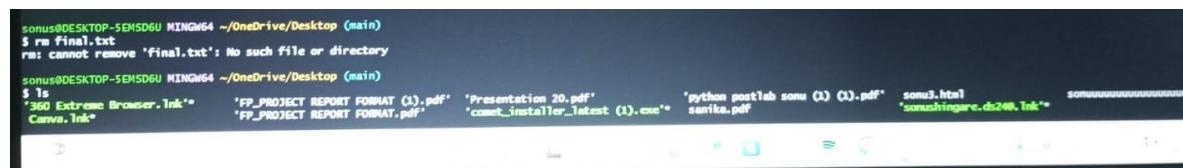
sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ mv newfile.txt data.txt
mv: cannot stat 'newfile.txt': No such file or directory

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ ls
'360 Extreme Browser.Tnk'" 'FP_PROJECT REPORT FORMAT (1).pdf' 'Presentation 20.pdf' 'python postLab sonu (1) (1).pdf' 'sonu3.html'
'Canva.Ink' 'FP_PROJECT REPORT FORMAT.pdf' 'comet_installer_latest (1).exe'" 'sanika.pdf' 'sonuIngnore.ds248.Tnk'" so
'CodeTantra_SEA-x64-4.2.0.exe' 'OS_CD24053/' 'comet_installer_latest.exe'" 'sonu folder/' 'sonu.pptx'
'CodeTantra_SEA-x64-4.3.0.exe' 'OS_CD24064/' 'desktop.ini' 'sonu fp.pdf' 'sonu.pptx'
'Comet.Tnk'" 'Presentation 20 sonuu(1).pdf' 'preLab.pdf' 'sonu.html' 'sonuu fpppppp.pdf'

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

Command: rm<filename>

Screenshot :



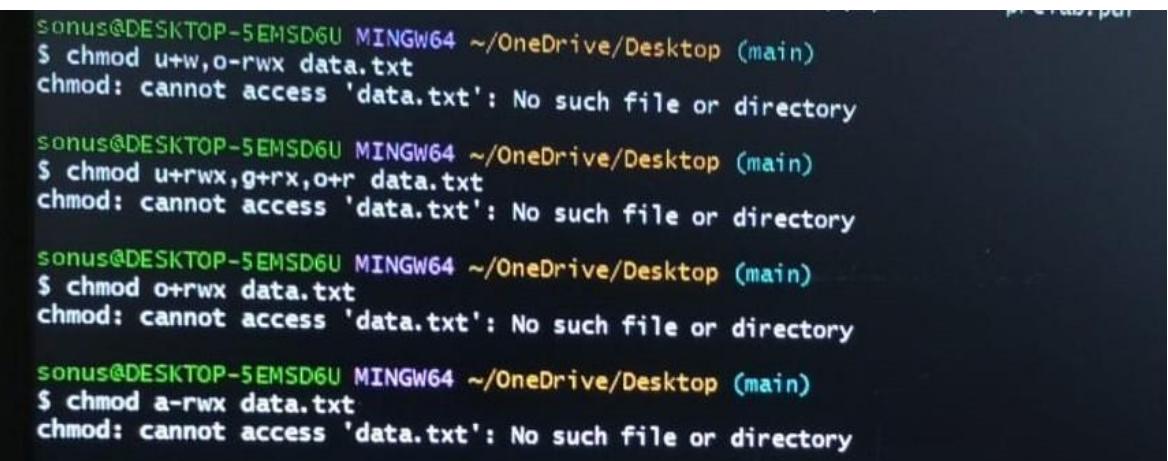
```
sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ rm final.txt
rm: cannot remove 'final.txt': No such file or directory

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ ls
'360 Extreme Browser.Tnk'" 'FP_PROJECT REPORT FORMAT (1).pdf' 'Presentation 20.pdf' 'python postLab sonu (1) (1).pdf' 'sonu3.html'
'Canva.Ink' 'FP_PROJECT REPORT FORMAT.pdf' 'comet_installer_latest (1).exe'" 'sanika.pdf' 'sonuIngnore.ds248.Tnk'" so
'CodeTantra_SEA-x64-4.2.0.exe' 'OS_CD24053/' 'comet_installer_latest.exe'" 'sonu folder/' 'sonu.pptx'
'CodeTantra_SEA-x64-4.3.0.exe' 'OS_CD24064/' 'desktop.ini' 'sonu fp.pdf' 'sonu.pptx'
'Comet.Tnk'" 'Presentation 20 sonuu(1).pdf' 'preLab.pdf' 'sonu.html' 'sonuu fpppppp.pdf'

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

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 :



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

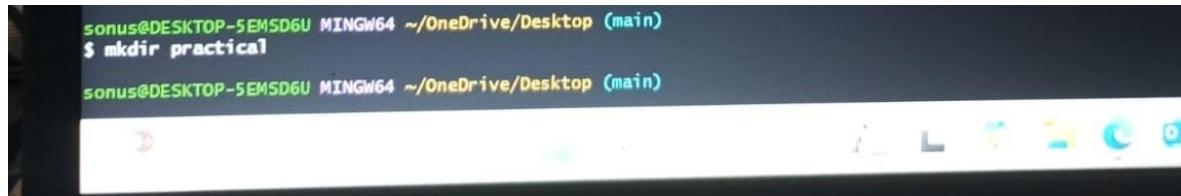
sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ chmod u+rwx,g+rx,o+r data.txt
chmod: cannot access 'data.txt': No such file or directory

sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ chmod o+rwx 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 :

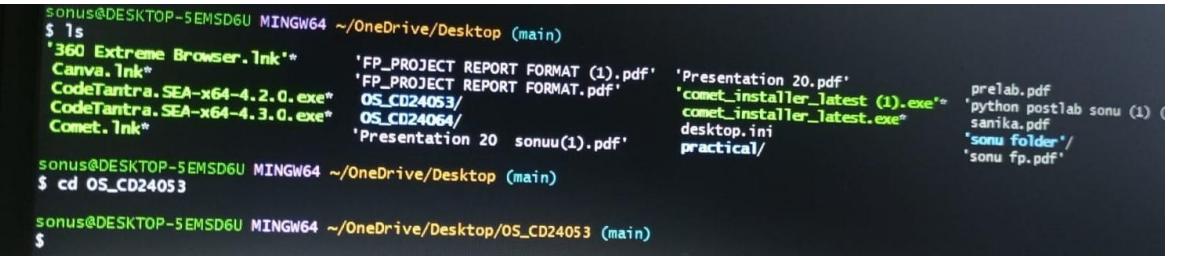


```
sonus@DESKTOP-5EMSD6U MINGW64 ~/OneDrive/Desktop (main)
$ mkdir practical
```

```
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'
'Canva.lnk'                      'FP_PROJECT REPORT FORMAT.pdf'   'comet_installer_latest (1).exe'*
'CodeTantra.SEA-x64-4.2.0.exe'    'OS_CD24053/'                  'comet_installer_latest.exe'*
'CodeTantra.SEA-x64-4.3.0.exe'    'OS_CD24064/'                'desktop.ini'
'Comet.lnk'                      'Presentation 20 sonuu(1).pdf'  'practical/'
'prelab.pdf'
'python postlab sonu (1) (1).pdf'
'sanika.pdf'
'sonu folder'
'sonu fp.pdf'

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

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