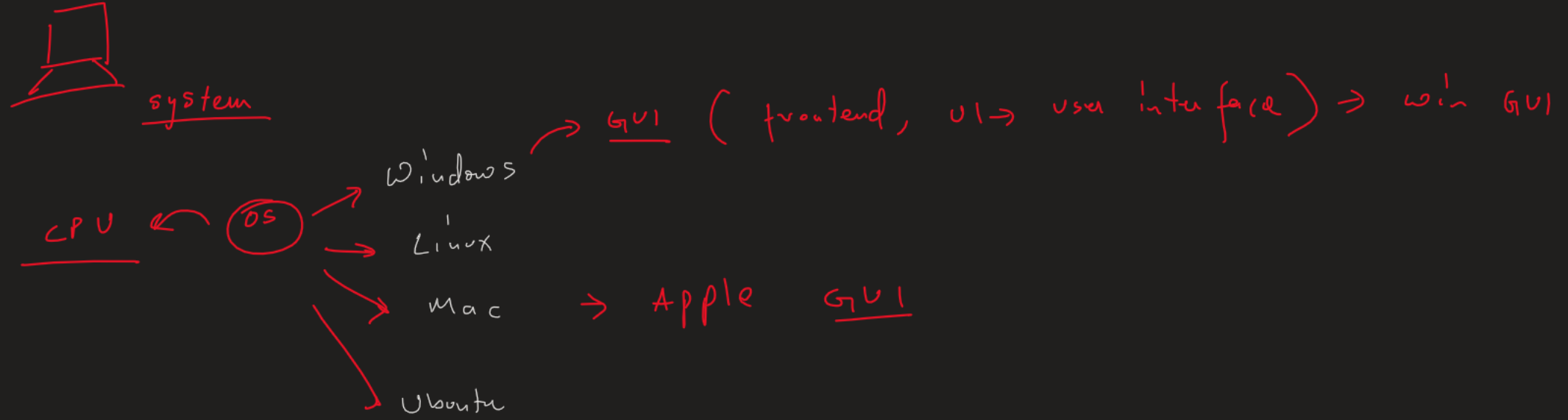- Directory : talk about what a directory is ?

- Present working Directory : just write cd

- Navigating directory :
    - Cd path
    - Cd..

- Make a directory :

    - Mkdir <folder name>
    - For multiple directories : mkdir <f1> <f2> <f3>

- Ls command : list everything in the folder : <dir>

    - Will show everything in the directory :
    - Dir
    - Will show 2 extra things : . And .. : current and parent folder
    - To view recursively : dir /Secho
    - https://www.howtogeek.com/363639/how-to-use-the-dir-command-in-

- Create a file using cmd :
    - Print something in cmd using echo
    - >> is used to write something to a file
    - echo "Mainak">>t11.txt

- Creating the bat files :
    - Write commands in there
    - Pause
    - Run the bat file in the command prompt
    - Just like methods

- Copy command : https://www.computerhope.com/copyhlp.htm
    - Copy <file name> <directory name>

- Move command :
    - Move <source paths> <destination path>

- Delete command :
    - del <file name>
rmdir <directory name>

Command prompt

system

CPU ← OS → Windows → GUI (frontend, UI → user interface) → win GUI

OS → Linux

OS → Mac → Apple GUI

OS → Ubuntu

command prompt

📁 > This PC > Data (D:) > sql-server-developer-edition > MSSQL15.MSSQLSERVER

Name	Date modified	Type	Size
📁 MSSQL	24-10-2021 02:28	File folder	

Blocks

stuff

js

rse

ins

a

ainak

OB

I-MEGA

n

MSSQL Properties ✕

General | Sharing | Security | Previous Versions | Customize

📁 MSSQL

Type: File folder

Location: D:\sql-server-developer-edition\MSSQL15.MSSQLSER

Size: 617 MB (64,76,74,521 bytes)

Size on disk: 617 MB (64,78,23,360 bytes)

Contains: 227 Files, 35 Folders

Created: 24 October 2021, 02:28:03

Attributes: ☐ Read-only (Only applies to files in folder)

→ ⌄ ↑ 📁 > This PC > Windows-SSD (C:) > Users > Mainak

Name	Date modified	Ty
📄 NTUSER.DAT	12-08-2023 04:28	D.
📄 java_error_in_idea64.hprof	03-07-2023 00:42	H(
⬤ hs osn	22.04.2022.22:22	O

📁 vikash-springboot

📁 OneDrive - Personal

💻 This PC

🧊 3D Objects

🖥 Desktop

📄 Documents

⬇ Downloads

♪ Music

🖼 Pictures

🎞 Videos

💽 Windows-SSD (C

💿 Data (D:)

📁 adp-declaratic

Command Prompt

```
Microsoft Windows [Version 10.0.19045.3324]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Mainak>
```

path ⟷ directory → path, folder

path $\longleftrightarrow$ directory $\nearrow$ $\underline{\text{path, folder}}$

cd $\rightarrow$ change directory

forward $\rightarrow$ cd <path> $\Big\}$

backward $\rightarrow$ cd ..

cd onedrive

cd onedrive

```
C:\>cd users

C:\Users>cd mainak

C:\Users\Mainak>cd onedrive

C:\Users\Mainak\OneDrive>cd ../../../

C:\>cd users/mainak/ondrive
The system cannot find the path specified.

C:\>cd users/mainak/onedrive

C:\Users\Mainak\OneDrive>
```

cmd + enter

Ippoard   Organize   New   Open   Select

📁 > cmd-practise

Name	Date modified	Type	Size

ss

ds

ts

ts

ingBoot

rping-practise

ingboot

Personal

```
■ C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.19045.3324]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Mainak\Desktop\cmd-practise>
```

Change DriveP...

change DriveD :-

< drive- Name > : → now do cd to navigate.

```
C:\. C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.19045.3324]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Mainak\Desktop\cmd-practise>D:

D:\>cd C
The system cannot find the path specified.

D:\>cd C:
C:\Users\Mainak\Desktop\cmd-practise

D:\>cd ..

D:\>C:

C:\Users\Mainak\Desktop\cmd-practise>
```

make a folder / directory :-

_____

cmd   mkdir   < name of the folder >

             md   < name of the folder >

Name	Date modified	Type
f1	17-08-2023 20:55	File folder
f2	17-08-2023 20:55	File folder
f3	17-08-2023 20:55	File folder
f4	17-08-2023 20:56	File folder
my-folder-1	17-08-2023 20:55	File folder

```
C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.19045.3324]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Mainak\Desktop\cmd-practise>mkdir my-folder-1

C:\Users\Mainak\Desktop\cmd-practise>mkdir f1 f2 f3

C:\Users\Mainak\Desktop\cmd-practise>md f4

C:\Users\Mainak\Desktop\cmd-practise>
```

Bulk → (handwritten annotation)

📁 f4	17-08-2023 20:56
📁 mainak ghosh	17-08-2023 21:00
📁 my-folder-1	17-08-2023 20:55

```
C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.19045.3324]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Mainak\Desktop\cmd-practise>mkdir "mainak ghosh"

C:\Users\Mainak\Desktop\cmd-practise>_
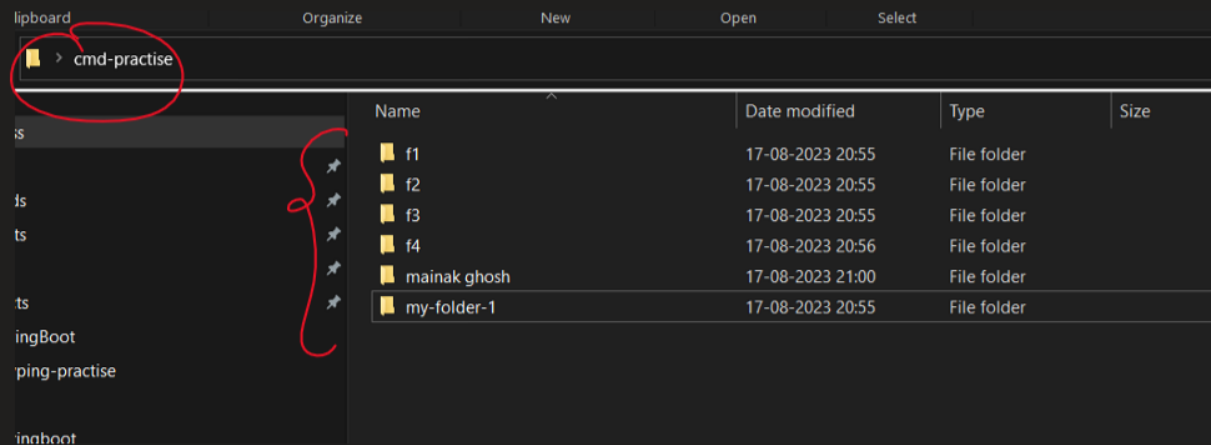```

If gap in name
use double quotes.

_dir_

```
C:\Users\Mainak\Desktop\cmd-practise>dir
 Volume in drive C is Windows-SSD
 Volume Serial Number is B892-236C

 Directory of C:\Users\Mainak\Desktop\cmd-practise

17-08-2023  21:00    <DIR>          .           → itsey
17-08-2023  21:00    <DIR>          ..          → parent
17-08-2023  20:55    <DIR>          f1
17-08-2023  20:55    <DIR>          f2
17-08-2023  20:55    <DIR>          f3
17-08-2023  20:56    <DIR>          f4
17-08-2023  21:00    <DIR>          mainak ghosh
17-08-2023  20:55    <DIR>          my-folder-1
               0 File(s)              0 bytes
               8 Dir(s)  85,298,929,664 bytes free
```

lipboard		Organize		New	Open	Select

> cmd-practise

Name	Date modified	Type	Size
f1	17-08-2023 20:55	File folder	
f2	17-08-2023 20:55	File folder	
f3	17-08-2023 20:55	File folder	
f4	17-08-2023 20:56	File folder	
mainak ghosh	17-08-2023 21:00	File folder	
my-folder-1	17-08-2023 20:55	File folder	

s

ds

ts

ts

ingBoot

ping-practise

ingboot

C:\Windows\System32\cmd.exe

```
17-08-2023  20:55    <DIR>          f1
17-08-2023  20:55    <DIR>          f2
17-08-2023  20:55    <DIR>          f3
17-08-2023  20:56    <DIR>          f4
17-08-2023  21:00    <DIR>          mainak ghosh
17-08-2023  20:55    <DIR>          my-folder-1
             0 File(s)              0 bytes
             8 Dir(s)  85,298,929,664 bytes free

C:\Users\Mainak\Desktop\cmd-practise>cd .

C:\Users\Mainak\Desktop\cmd-practise>dir
 Volume in drive C is Windows-SSD
 Volume Serial Number is B892-236C

 Directory of C:\Users\Mainak\Desktop\cmd-practise

17-08-2023  21:08    <DIR>          .
17-08-2023  21:08    <DIR>          ..
17-08-2023  20:55    <DIR>          f1
17-08-2023  20:55    <DIR>          f2
17-08-2023  20:55    <DIR>          f3
17-08-2023  20:56    <DIR>          f4
17-08-2023  21:00    <DIR>          mainak ghosh
17-08-2023  20:55    <DIR>          my-folder-1
17-08-2023  21:08                 0 shubham.txt
             1 File(s)              0 bytes
             8 Dir(s)  85,295,534,080 bytes free

C:\Users\Mainak\Desktop\cmd-practise>
```
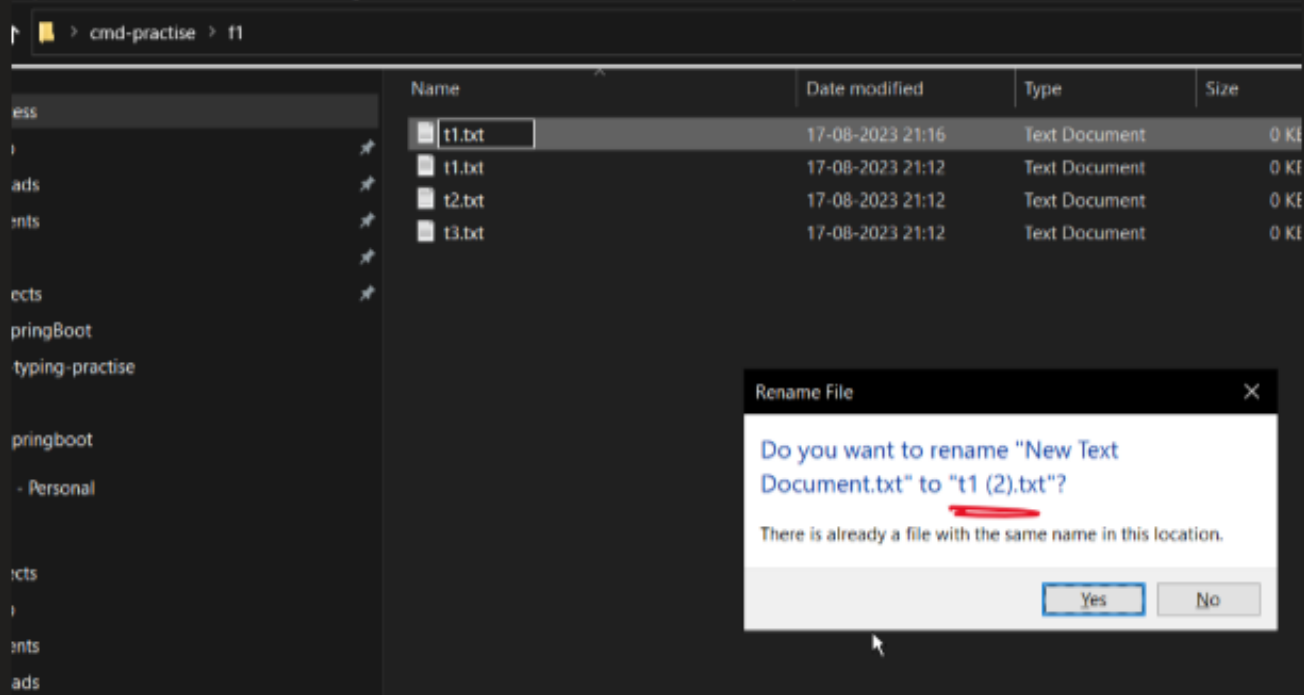
Name

- f1
- f2
- f3
- f4
- mainak ghosh
- my-folder-1
- shubham.txt

file

print in command prompt

echo <" string to print ">
_____

_____

→ identify something uniquely on the · system :→

-) Path ✓

→ name (x)

Name	Date modified	Type	Size
t1.txt	17-08-2023 21:16	Text Document	0 KB
t1.txt	17-08-2023 21:12	Text Document	0 KB
t2.txt	17-08-2023 21:12	Text Document	0 KB
t3.txt	17-08-2023 21:12	Text Document	0 KB

Rename File ✕

Do you want to rename "New Text Document.txt" to "t1 (2).txt"?

There is already a file with the same name in this location.

[Yes] [No]

replace the original

Copying :→

copy < what > < where >

move :→

move < what > < where >

rmdir → remove **directory**

/ folder.

rmdir < path of folder that u want to delete >

del < path of file that u want to delete >

```
C:\Users\Mainak\Desktop\cmd-practise>cd f2

C:\Users\Mainak\Desktop\cmd-practise\f2>del f1.txt t2.txt

C:\Users\Mainak\Desktop\cmd-practise\f2>
```

↳ Bulk deletion.

Creating files :--

(>) => __write__

echo < some string > > < file path >

write command :-> it replaced
  ↳ can it append instead of replacing as well?

Ans : use >>

homework

17 August 2023   21:30

→ copy   whole   folders