

## Linux commands

1) ls: This command is used for retrieve all folders

```
veera@VeeraSwamy MINGW64 ~  
$ ls  
anaconda3/  
apache-tomcat-9.0.93-windows-x64/  
AppData/  
'Application Data'@  
Contacts/  
Cookies@  
corejava/  
Desktop/  
Documents/  
Downloads/  
eclipse/  
eclipse-workspace/  
express-login/  
Favorites/  
javapractice/  
javaprograms/  
JRP/  
Links/  
'Local Settings'@  
m0bile_data/  
Microsoft/  
Music/  
'My Documents'@  
NetHood@  
NTUSER.DAT  
ntuser.dat.LOG1  
ntuser.dat.LOG2  
NTUSER.DAT{a2332f18-cdbf-11ec-8680-002248483d79}.TM.blf  
NTUSER.DAT{a2332f18-cdbf-11ec-8680-002248483d79}.TMContainer00000000000000000001.regtrans-ms  
NTUSER.DAT{a2332f18-cdbf-11ec-8680-002248483d79}.TMContainer00000000000000000002.regtrans-ms  
ntuser.ini  
OneDrive/  
Oracle/  
Pictures/  
'Postman Agent'/  
PrintHood@  
PycharmProjects/  
Recent@
```

```
'Saved Games'/  
Searches/  
SendTo@  
springandspringboot/  
'Start Menu'@  
Templates@  
Untitled.ipynb  
Videos/  
vol/  
webapp.py
```

```
veera@VeeraSwamy MINGW64 ~  
$
```

- 2) pwd: This command is used to know the current working directory

```
veera@VeeraSwamy MINGW64 ~  
$ pwd  
/c/Users/veera
```

- 3) mkdir: This command is used for creating new directory

```
veera@VeeraSwamy MINGW64 ~  
$ mkdir linux
```

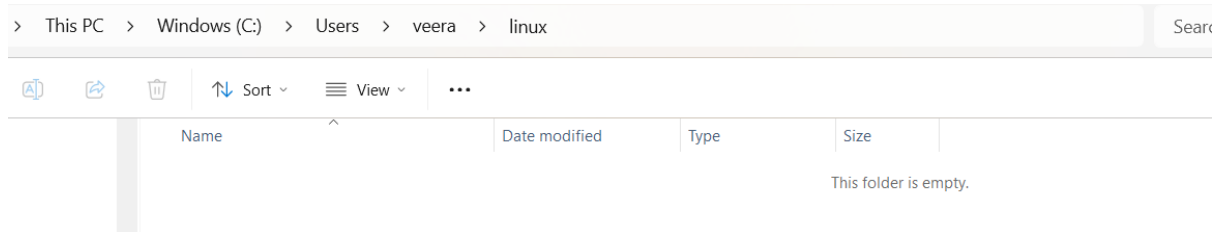
- 4) cd: This command is used to change the directory

```
veera@VeeraSwamy MINGW64 ~  
$ cd linux  
  
veera@VeeraSwamy MINGW64 ~/linux  
$ ls
```

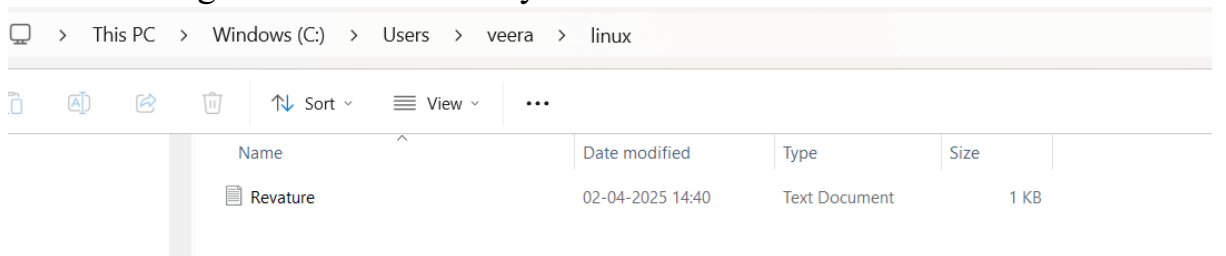
- 5) rmdir: This command is used to remove the files in the current directory

```
veera@VeeraSwamy MINGW64 ~/linux  
$ rmdir linux  
rmdir: failed to remove 'linux': No such file or directory
```

Here no files are available



After creating a file in the directory



- 6) cp: This command is used for copy the existed file data into a new file

```
veera@VeeraSwamy MINGW64 ~/linux  
$ cp revature.txt newrevature.txt
```

File Explorer window showing the contents of the directory `C:\Users\veera\linux`.

Name	Date modified	Type	Size
Revature	02-04-2025 14:40	Text Document	1 KB
newrevature	02-04-2025 14:47	Text Document	1 KB

7) rm: This command is used to remove the files in the current directory

```
veera@VeeraSwamy MINGW64 ~/linux
$ rm newrevature.txt
```

File Explorer window showing the contents of the directory `C:\Users\veera\linux` after removing `newrevature.txt`.

Name	Date modified	Type	Size
Revature	02-04-2025 14:40	Text Document	1 KB

8) uname: This command is used to know the os information

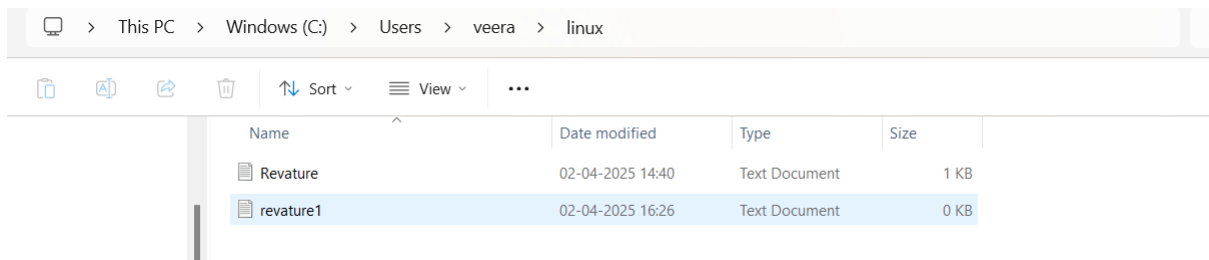
```
veera@VeeraSwamy MINGW64 ~/linux
$ uname
MINGW64_NT-10.0-22631
```

9) locate: This command is used to locate that file in database

```
veera@VeeraSwamy MINGW64 ~/linux
$ locate revature
```

10) touch: This command is used to create a new file in the current directory

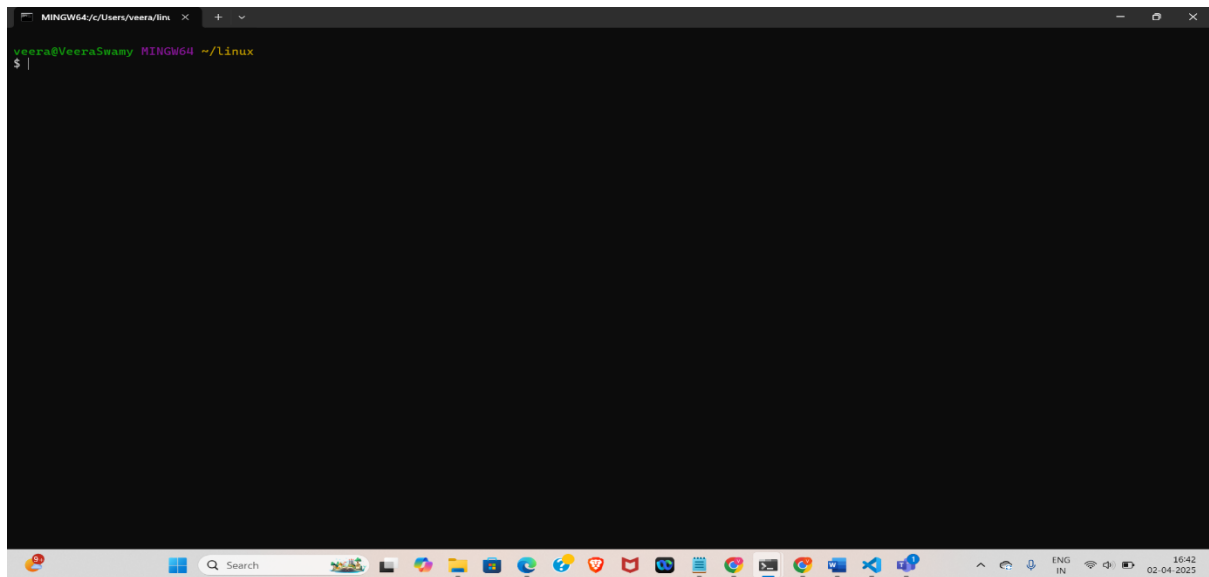
```
veera@VeeraSwamy MINGW64 ~/linux
$ touch revature1.txt
```



11)cat: This command is used to read the content int file

```
veera@VeeraSwamy MINGW64 ~/linux
$ cat revature.txt
Revature day-1
-----
GitHub commands:
1.create a folder in local system
2.create a repository in GitHub
3.clone the repository into the local folder
   git clone repository path
4.create a file in the repository
5.the file added to the repository
   git add filename
6.commit the file in repository
   git commit -m "messege"
7.push the repository into the GitHub
   git push
8.for pull the repository into local repository
   git pull
9.conflict merging
-----
```

12)clear: This command is used for clear the terminal screen



13)ps: This command is used for checking the active process of the system

```
veera@VeeraSwamy MINGW64 ~/linux
$ ps
```

PID	PPID	PGID	WINPID	TTY	UID	STIME	COMMAND
1961	1	1961	7948	cons0	197609	12:34:38	/usr/bin/bash
2056	1961	2056	41612	cons0	197609	16:44:53	/usr/bin/ps

14)man: This command is used to provide the user manual for any command in the terminal

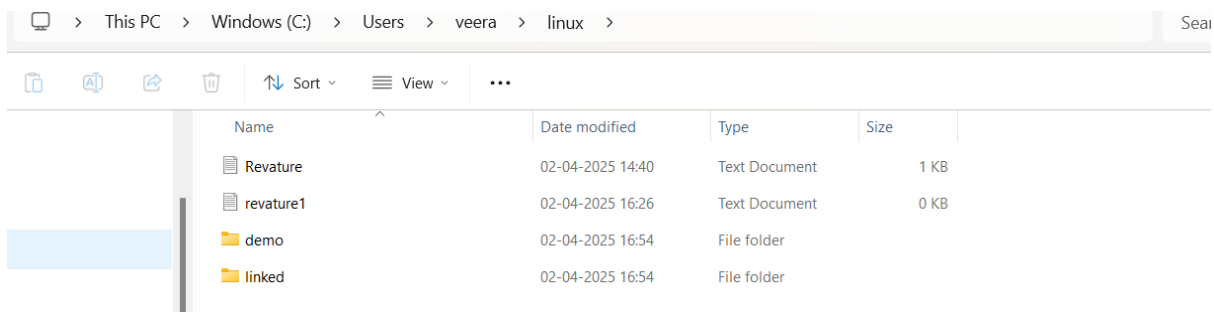
15)ln: This command is used for link the folders to the current folder

```
veera@VeeraSwamy MINGW64 ~/linux
$ mkdir demo

veera@VeeraSwamy MINGW64 ~/linux
$ mkdir linked

veera@VeeraSwamy MINGW64 ~/linux
$ ln demo linked
ln: demo: hard link not allowed for directory
```

```
veera@VeeraSwamy MINGW64 ~/linux
$ ls
demo/  linked/  Revature.txt  revature1.txt
```



Name	Date modified	Type	Size
Revature	02-04-2025 14:40	Text Document	1 KB
revature1	02-04-2025 16:26	Text Document	0 KB
demo	02-04-2025 16:54	File folder	
linked	02-04-2025 16:54	File folder	

16) grep: This command is used for retrieve the content from the file

```
veera@VeeraSwamy MINGW64 ~/linux
$ cat revature.txt
Revature day-1
-----
GitHub commands:
1.create a folder in local system
2.create a repository in GitHub
3.clone the repository into the local folder
   git clone repository path
4.create a file in the repository
5.the file added to the repository
   git add filename
6.commit the file in repository
   git commit -m "messege"
7.push the repository into the GitHub
   git push
8.for pull the repository into local repository
   git pull
9.conflict merging
-----

veera@VeeraSwamy MINGW64 ~/linux
$ cat revature.txt | grep "local"
1.create a folder in local system
3.clone the repository into the local folder
8.for pull the repository into local repository
```

17) echo: This command is used for print the message

```
veera@VeeraSwamy MINGW64 ~/linux
$ echo "veera swmy"
veera swmy
```

18) whoami: This command is used for printing the who works on the current directory

```
veera@VeeraSwamy MINGW64 ~/linux
$ whoami
veera
```

19) sort: This command is used for sorting the content in the file

```
veera@VeeraSwamy MINGW64 ~/linux
$ cat revature1.txt
hi
are you ok
where are you
good morning
veera@VeeraSwamy MINGW64 ~/linux
$ sort revature1.txt
are you ok
good morning
hi
where are you
```

20) wc: This command is used for counting the lines, words, characters in the file

**Wc -l** :this gives lines count

```
veera@VeeraSwamy MINGW64 ~/linux
$ wc -l revature1.txt
3 revature1.txt
```

**Wc- m**: This command is used for counting the letters

```
veera@VeeraSwamy MINGW64 ~/linux
$ wc -m revature1.txt
43 revature1.txt
```

Wc -w :This command is used for counting words

```
veera@VeeraSwamy MINGW64 ~/linux
$ wc -w revature1.txt
9 revature1.txt
```

21)df-h: This command is used for get the details of file System

```
veera@VeeraSwamy MINGW64 ~/linux
$ df -h
Filesystem      Size  Used Avail Use% Mounted on
C:/Program Files/Git  476G  272G  205G   57% /
D:              149M   142M   7.8M   95% /d
```