1. Display the user manual of any command that can be run on the terminal.

```
C:\WINDOWS\system32\cmd.   X    +   v                                                    —    □    X

Microsoft Windows [Version 10.0.26100.7171]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ASUS>cd Desktop
```

2. Change the current working directory of the user.

```
C:\Users\ASUS>cd Desktop

C:\Users\ASUS\Desktop>cd %userprofile%

C:\Users\ASUS>cd Desktop

C:\Users\ASUS\Desktop>cd Desktop
The system cannot find the path specified.
```

3. List all the contents in the current working directory.

```
C:\Users\ASUS\Desktop>dir
 Volume in drive C is OS
 Volume Serial Number is 36A3-263D

 Directory of C:\Users\ASUS\Desktop

01/18/2026  08:39 PM    <DIR>          .
11/06/2025  07:57 AM    <DIR>          ..
11/05/2025  11:49 PM             2,416 CodeTantra SEA.lnk
11/06/2025  07:55 AM    <DIR>          Coding
12/14/2025  05:21 PM             1,606 Dev-C++.lnk
11/06/2025  07:50 AM    <DIR>          gnr
11/06/2025  07:57 AM             1,099 HTMLPad 2025.lnk
01/18/2026  08:39 PM    <DIR>          Johnproject
01/18/2026  08:31 PM                13 task4.txt
11/06/2025  08:00 AM               655 TurboC++.lnk
               5 File(s)          5,789 bytes
               5 Dir(s)  112,734,560,256 bytes free
```

4. Read, modify or concatenate text files

```
C:\Users\ASUS\Desktop>echo Hello World>task4.txt


C:\Users\ASUS\Desktop>type task4.txt
Hello World
```

5. Create a new directory under any directory.

```
C:\Users\ASUS\Desktop>mkdir Johnproject
A subdirectory or file Johnproject already exists.

C:\Users\ASUS\Desktop>dir
 Volume in drive C is OS
 Volume Serial Number is 36A3-263D

 Directory of C:\Users\ASUS\Desktop

01/18/2026  08:39 PM    <DIR>          .
11/06/2025  07:57 AM    <DIR>          ..
11/05/2025  11:49 PM             2,416 CodeTantra SEA.lnk
11/06/2025  07:55 AM    <DIR>          Coding
12/14/2025  05:21 PM             1,606 Dev-C++.lnk
11/06/2025  07:50 AM    <DIR>          gnr
11/06/2025  07:57 AM             1,099 HTMLPad 2025.lnk
01/18/2026  08:39 PM    <DIR>          Johnproject
01/19/2026  11:29 AM                13 task4.txt
11/06/2025  08:00 AM               655 TurboC++.lnk
               5 File(s)          5,789 bytes
               5 Dir(s)  112,734,334,976 bytes free
```

6. Display the current working directory of the terminal.

```
C:\Users\ASUS\Desktop>cd
C:\Users\ASUS\Desktop
```

7. Write its arguments to standard output.

```
C:\Users\ASUS\Desktop>echo this is Task 7 for practical2
this is Task 7 for practical2
```

8. Remove a file.

```
C:\Users\ASUS\Desktop>echo temp > delme.txt & del delme.txt

C:\Users\ASUS\Desktop>del delme.txt & dir delme.txt
Could Not Find C:\Users\ASUS\Desktop\delme.txt
 Volume in drive C is OS
 Volume Serial Number is 36A3-263D

 Directory of C:\Users\ASUS\Desktop

File Not Found
```

9. Delete a directory.

```
C:\Users\ASUS\Desktop>mkdir TempFolder & rd TempFolder & dir TempFolder
 Volume in drive C is OS
 Volume Serial Number is 36A3-263D

 Directory of C:\Users\ASUS\Desktop

File Not Found
```

10. Copy a file or directory.

```
C:\Users\ASUS\Desktop>
C:\Users\ASUS\Desktop>copy task4.txt task4_copy.txt
        1 file(s) copied.
```

11. Switch to root user.

```
C:\Users\ASUS\Desktop>whoami
waghmare08\asus
```

12. Move files and directories from one directory to another.

```
C:\Users\ASUS\Desktop>move task4_copy.txt Johnproject\
Overwrite C:\Users\ASUS\Desktop\Johnproject\task4_copy.txt? (Yes/No/All): yes
        1 file(s) moved.
```

13. Search for a particular string/word in a text file.

```
C:\Users\ASUS\Desktop>findstr "Hello" task4.txt
Hello World
```

14. Print the top N number of data of the given input.

```
C:\Users\ASUS\Desktop>powershell -command "Get-content task4.txt -TotalCount 1"
Hello World
```

15. Print the last N number of data of the given input.

```
C:\Users\ASUS\Desktop>
C:\Users\ASUS\Desktop>powershell -command "Get-Content task4.txt -Tail 1"
Hello World
```

16. Remove read permission from owner of the file.

```
C:\Users\ASUS\Desktop>icacls secure.txt /deny %username%:R
secure.txt: The system cannot find the file specified.
Successfully processed 0 files; Failed processing 1 files
```

17. Add read permission to owner plus remove write permission and add write permission to group.

```
C:\Users\ASUS\Desktop>icacls secure.txt /deny %username%:R
secure.txt: The system cannot find the file specified.
Successfully processed 0 files; Failed processing 1 files
```

18. Add write permission to owner and no permission to others.

```
C:\Users\ASUS\Desktop>icacls secure.txt /grant %username%:R /remove %username%
secure.txt: The system cannot find the file specified.
Successfully processed 0 files; Failed processing 1 files
```

19. Assign permission to users.

```
C:\Users\ASUS\Desktop>icacls secure.txt /grant %username%:R
secure.txt: The system cannot find the file specified.
Successfully processed 0 files; Failed processing 1 files
```

20. Assign read, write and execute permission to others.

```
C:\Users\ASUS\Desktop>icacls secure.txt /grant Everyone:(R,W,M)
secure.txt: The system cannot find the file specified.
Successfully processed 0 files; Failed processing 1 files
```

21. Remove all permissions from all users.

```
C:\Users\ASUS\Desktop>icacls secure.txt /grant %username:R /remove %username%
%username: No mapping between account names and security IDs was done.
Successfully processed 0 files; Failed processing 1 files
```

22. Remove read permission from user using absolute mode.

```
C:\Users\ASUS\Desktop>icacls secure.txt /grant %username%:R
secure.txt: The system cannot find the file specified.
Successfully processed 0 files; Failed processing 1 files
```

23. Add read and write permission to owner and no permission to group and others using absolute mode.

```
C:\Users\ASUS\Desktop>icacls secure.txt /inheritance:r
secure.txt: The system cannot find the file specified.
Successfully processed 0 files; Failed processing 1 files
```

24. Add execute permission to owner, read permission to group and others.

```
C:\Users\ASUS\Desktop>icacls secure.txt /inheritance:r /grant %username%:R
secure.txt: The system cannot find the file specified.
Successfully processed 0 files; Failed processing 1 files
```

25. Add execute permission to all users .

```
C:\Users\ASUS\Desktop>icacls secure.txt /grant Everyone:(X)
secure.txt: The system cannot find the file specified.
Successfully processed 0 files; Failed processing 1 files

C:\Users\ASUS\Desktop>S
```