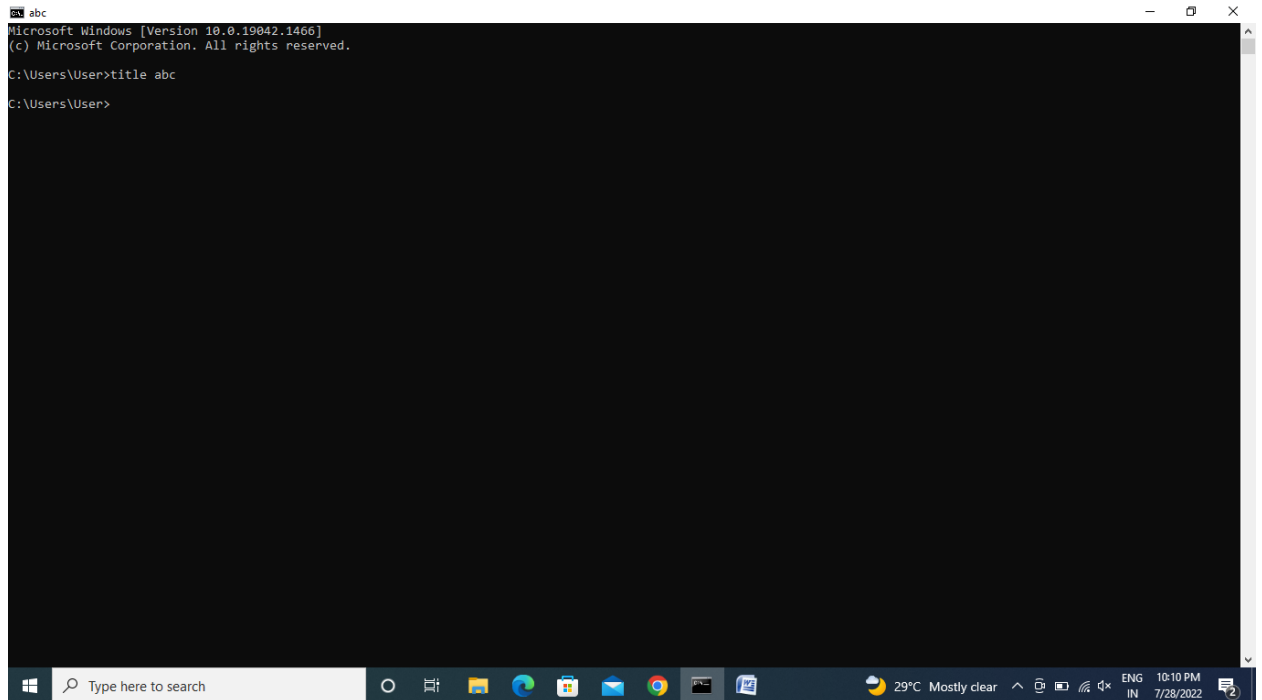


# CYBER SECURITY

## *Commands:*

### **1. title :**



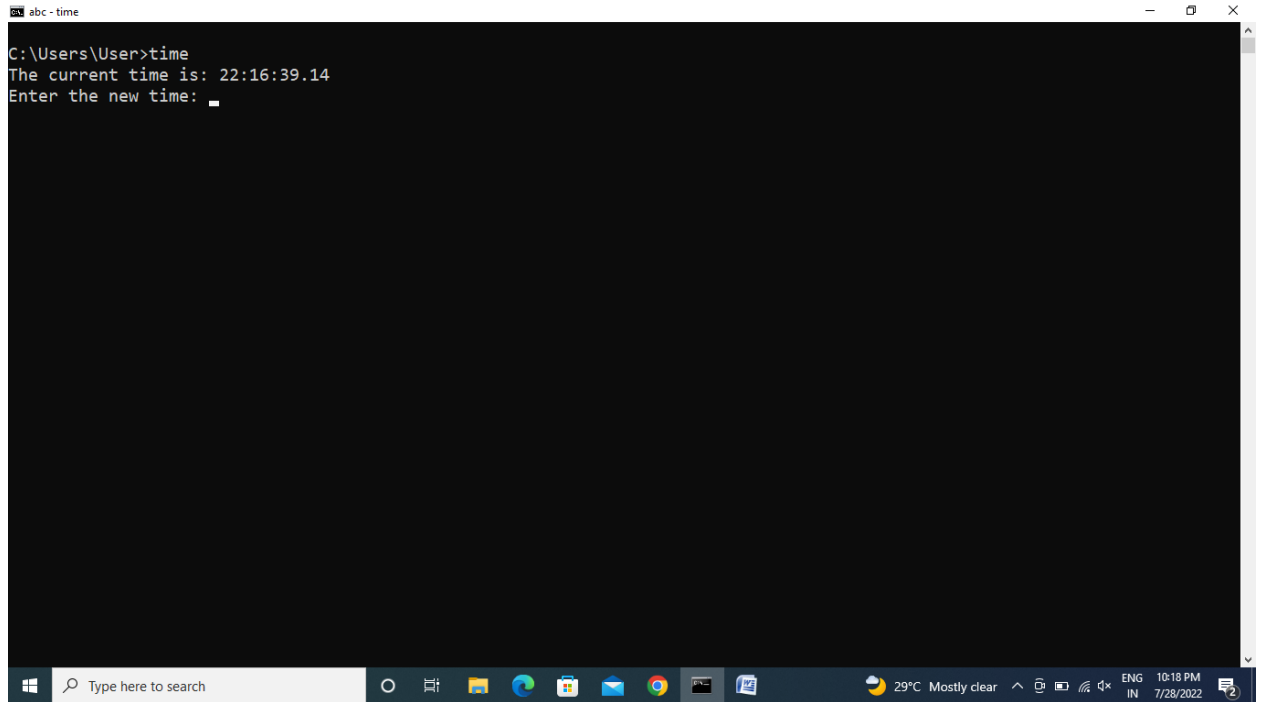
```
abc
Microsoft Windows [Version 10.0.19042.1466]
(c) Microsoft Corporation. All rights reserved.

C:\Users\User>title abc
C:\Users\User>
```

The screenshot shows a Windows command prompt window titled 'abc'. The window displays the standard Windows boot-up text, including the version number 10.0.19042.1466. The user has entered the command 'title abc' at the prompt, and the command has been executed successfully, as indicated by the new prompt line.

**Description:** set title for prompt.

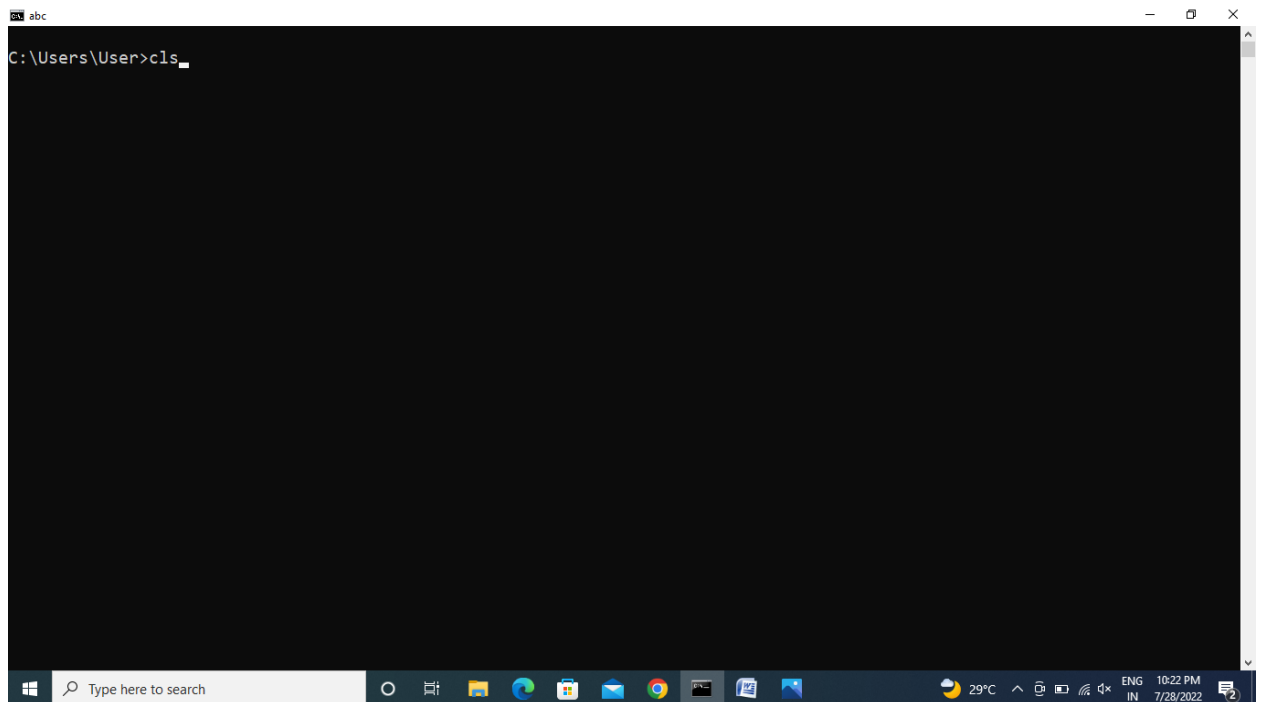
### **2. time :**



```
abc - time
C:\Users\User>time
The current time is: 22:16:39.14
Enter the new time: 
```

**Description:** *display/edit the system time.*

### 3. **cls:**



```
abc
C:\Users\User>cls
```

**Description:** *To clear the screen.*

### 4. **dir:**

```
abc
C:\Users\User>dir
Volume in drive C has no label.
Volume Serial Number is 9CEE-5C00

Directory of C:\Users\User

07/28/2022  04:11 PM    <DIR>          .
07/28/2022  04:11 PM    <DIR>          ..
03/25/2022  09:00 AM    <DIR>          .conda
03/23/2022  05:22 AM             25 .condarc
03/23/2022  05:22 AM    <DIR>          .continuum
03/23/2022  05:25 AM    <DIR>          .ipynb_checkpoints
03/23/2022  05:25 AM    <DIR>          .ipython
03/23/2022  05:24 AM    <DIR>          .jupyter
04/17/2022  03:03 AM    <DIR>          3D Objects
03/23/2022  05:19 AM    <DIR>          anaconda3
07/28/2022  04:21 PM    <DIR>          bhavana
04/17/2022  03:03 AM    <DIR>          Contacts
07/24/2022  03:21 AM    <DIR>          Desktop
07/28/2022  09:59 PM    <DIR>          Documents
07/27/2022  01:12 PM    <DIR>          Downloads
04/17/2022  03:03 AM    <DIR>          Favorites
04/17/2022  03:03 AM    <DIR>          Links
04/17/2022  03:03 AM    <DIR>          Music
12/12/2021  07:28 PM    <DIR>          OneDrive
07/27/2022  09:33 PM    <DIR>          Pictures
04/17/2022  03:03 AM    <DIR>          Saved Games
04/17/2022  03:03 AM    <DIR>          Searches
03/23/2022  05:24 AM             72 Untitled.ipynb
07/27/2022  01:12 PM    <DIR>          Downloads
```

**Description:** *list directory content.*

## 5. **Hostname:**

```
abc
03/23/2022  05:24 AM             72 Untitled.ipynb
04/17/2022  03:03 AM    <DIR>          Videos
          2 File(s)          97 bytes
          22 Dir(s)  73,690,554,368 bytes free

C:\Users\User>hostname
DESKTOP-8NJLRGC

C:\Users\User>
```

**Description :** *To print the hostname.*

## 6. **Vir :**

```
abc
03/23/2022 05:24 AM 72 Untitled.ipynb
04/17/2022 03:03 AM <DIR> Videos
2 File(s) 97 bytes
22 Dir(s) 73,690,554,368 bytes free

C:\Users\User>hostname
DESKTOP-8NJLRGC

C:\Users\User>ver

Microsoft Windows [Version 10.0.19042.1466]

C:\Users\User>
```

*Description: to print the os version.*

## 7. W32tm:

```
abc
C:\Users\User>w32tm
w32tm [/? | /register | /unregister ]
? - this help screen.
register - register to run as a service and add default
configuration to the registry.
unregister - unregister service and remove all configuration
information from the registry.

w32tm /monitor [/domain:<domain name>]
[/computers:<name>[,<name>[,<name>...]]]
[/threads:<num>] [/ipprotocol:<4|6>] [/nowarn]
domain - specifies which domain to monitor. If no domain name
is given, or neither the domain nor computers option is
specified, the default domain is used. This option may be
used more than once.
computers - monitors the given list of computers. Computer
names are separated by commas, with no spaces. If a name is
prefixed with a '*', it is treated as an AD PDC. This option
may be used more than once.
threads - how many computers to analyze simultaneously. The
default value is 3. Allowed range is 1-50.
ipprotocol - specify the IP protocol to use. The default is
to use whatever is available.
nowarn - skip warning message.

w32tm /ntte <NT time epoch>
Convert a NT system time, in (10^-7)s intervals from 0h 1-Jan 1601,
into a readable format.

file:<name> - specify the absolute filename
```

*Description : setting time synchronisation/time server/time zone.*

## 8. Netstat:

```
Command Prompt
Microsoft Windows [Version 10.0.19042.1466]
(c) Microsoft Corporation. All rights reserved.

C:\Users\User>netstat

Active Connections

Proto Local Address           Foreign Address         State
TCP    192.168.43.228:51436     whatsapp-cdn-shv-01-tir2:https ESTABLISHED
TCP    192.168.43.228:56969     204.79.197.222:https    ESTABLISHED
TCP    192.168.43.228:56971     13.107.3.254:https      ESTABLISHED
TCP    192.168.43.228:56973     117.18.237.29:http      ESTABLISHED
TCP    192.168.43.228:57482     20.198.119.84:https     ESTABLISHED
TCP    [2401:4900:4ccc:e575:993b:5141:f46e:d563]:56939 sf-in-f188:5228         ESTABLISHED
TCP    [2401:4900:4ccc:e575:993b:5141:f46e:d563]:56965 [2620:1ec:c11::200]:https TIME_WAIT
TCP    [2401:4900:4ccc:e575:993b:5141:f46e:d563]:56966 [2620:1ec:c11::200]:https TIME_WAIT
TCP    [2401:4900:4ccc:e575:993b:5141:f46e:d563]:56967 [2620:1ec:c11::200]:https ESTABLISHED
TCP    [2401:4900:4ccc:e575:993b:5141:f46e:d563]:56970 [2620:1ec:44::254]:https ESTABLISHED
TCP    [2401:4900:4ccc:e575:993b:5141:f46e:d563]:56972 [2606:2800:247:b713:6f8:1d37:ecd5:e137]:https ESTABLISHED

C:\Users\User>
C:\Users\User>
```

**Description:** display TCP/IP connections and status.

## 9. Chkdsk:

```
Select Command Prompt
Microsoft Windows [Version 10.0.19042.1466]
(c) Microsoft Corporation. All rights reserved.

C:\Users\User>netstat

Active Connections

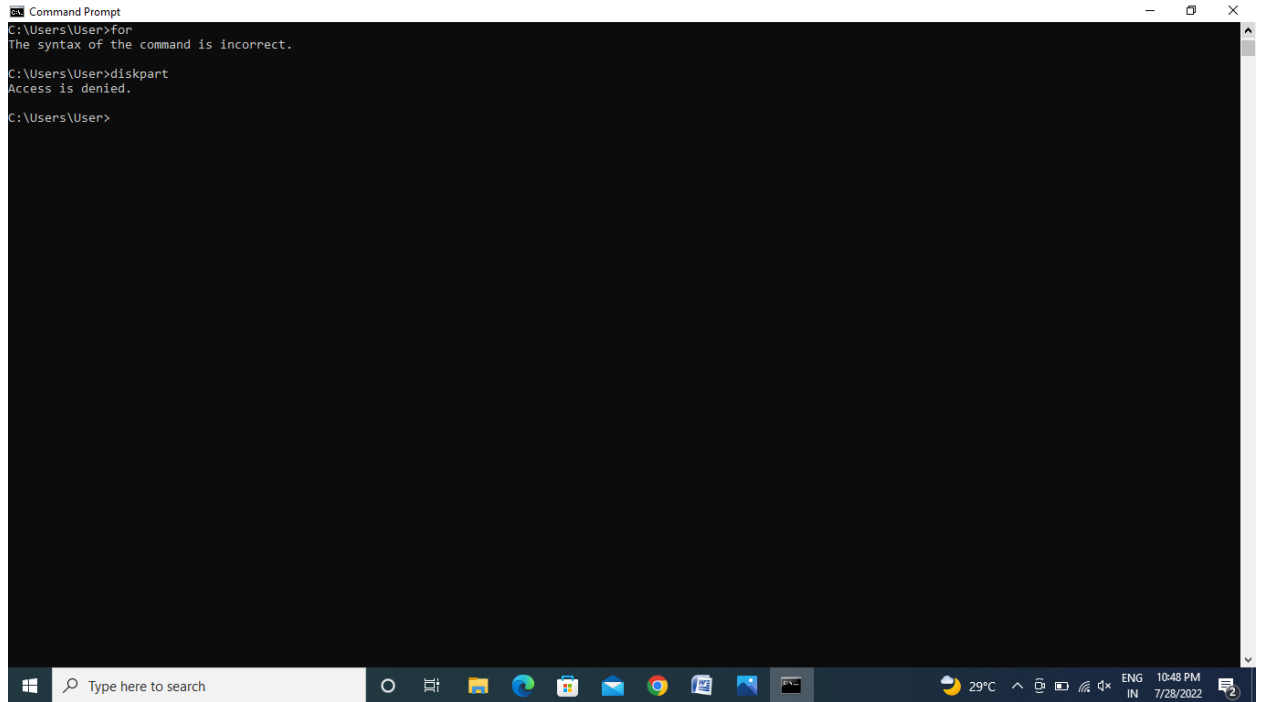
Proto Local Address           Foreign Address         State
TCP    192.168.43.228:51436     whatsapp-cdn-shv-01-tir2:https ESTABLISHED
TCP    192.168.43.228:56969     204.79.197.222:https    ESTABLISHED
TCP    192.168.43.228:56971     13.107.3.254:https      ESTABLISHED
TCP    192.168.43.228:56973     117.18.237.29:http      ESTABLISHED
TCP    192.168.43.228:57482     20.198.119.84:https     ESTABLISHED
TCP    [2401:4900:4ccc:e575:993b:5141:f46e:d563]:56939 sf-in-f188:5228         ESTABLISHED
TCP    [2401:4900:4ccc:e575:993b:5141:f46e:d563]:56965 [2620:1ec:c11::200]:https TIME_WAIT
TCP    [2401:4900:4ccc:e575:993b:5141:f46e:d563]:56966 [2620:1ec:c11::200]:https TIME_WAIT
TCP    [2401:4900:4ccc:e575:993b:5141:f46e:d563]:56967 [2620:1ec:c11::200]:https ESTABLISHED
TCP    [2401:4900:4ccc:e575:993b:5141:f46e:d563]:56970 [2620:1ec:44::254]:https ESTABLISHED
TCP    [2401:4900:4ccc:e575:993b:5141:f46e:d563]:56972 [2606:2800:247:b713:6f8:1d37:ecd5:e137]:https ESTABLISHED

C:\Users\User>
C:\Users\User>chkdsk
Access Denied as you do not have sufficient privileges or
the disk may be locked by another process.
You have to invoke this utility running in elevated mode
and make sure the disk is unlocked.

C:\Users\User>
```

**Description :** check volumes

## 10. Diskpart:



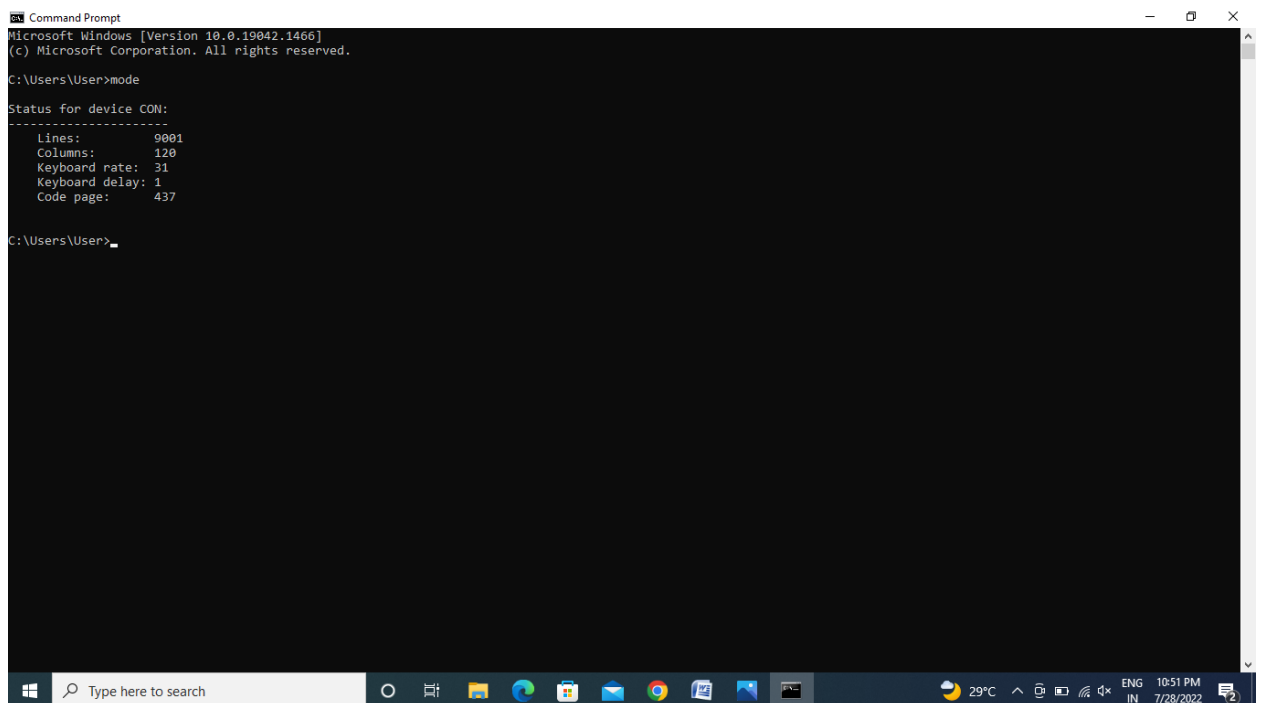
```
Command Prompt
C:\Users\User>for
The syntax of the command is incorrect.

C:\Users\User>diskpart
Access is denied.

C:\Users\User>
```

**Description :** *volume management.*

## 11. Mode :



```
Command Prompt
Microsoft Windows [Version 10.0.19042.1466]
(c) Microsoft Corporation. All rights reserved.

C:\Users\User>mode

Status for device CON:
-----
Lines:          9001
Columns:        120
Keyboard rate:  31
Keyboard delay: 1
Code page:     437

C:\Users\User>
```

**Description :** *configure interfaces/devices.*

## 12. Tasklist:

```
Command Prompt
C:\Users\User>tasklist

Image Name                    PID Session Name        Session#    Mem Usage
=====
System Idle Process           0 Services             0             8 K
System                        4 Services             0            140 K
Registry                      160 Services           0          39,620 K
lsass.exe                     300 Services           0           1,112 K
csrss.exe                     506 Services           0           5,376 K
wininit.exe                   684 Services           0           6,548 K
services.exe                  808 Services           0           7,824 K
lsass.exe                     840 Services           0          18,392 K
svchost.exe                   968 Services           0          31,992 K
fontdrvhost.exe              360 Services           0           3,332 K
WUDFHost.exe                  592 Services           0          10,024 K
svchost.exe                   600 Services           0          16,660 K
WUDFHost.exe                  1212 Services           0          11,868 K
svchost.exe                   1292 Services           0          63,796 K
svchost.exe                   1396 Services           0          31,096 K
svchost.exe                   1332 Services           0           8,988 K
svchost.exe                   1376 Services           0          30,252 K
svchost.exe                   1480 Services           0          24,392 K
svchost.exe                   1488 Services           0          63,916 K
svchost.exe                   1884 Services           0          20,628 K
svchost.exe                   2004 Services           0          22,132 K
Memory Compression           2012 Services           0         124,124 K
igfxCUIService.exe           1596 Services           0           8,316 K
svchost.exe                   2160 Services           0          13,048 K
RTKAudioService64.exe        2228 Services           0           7,432 K
svchost.exe                   2484 Services           0           6,364 K
svchost.exe                   2492 Services           0           9,316 K
svchost.exe                   2602 Services           0          16,844 K
wlanext.exe                   2828 Services           0           4,760 K
spoolsv.exe                   2836 Services           0          13,200 K
conhost.exe                   2864 Services           0           5,244 K
svchost.exe                   2956 Services           0          11,648 K
svchost.exe                   2980 Services           0          13,416 K
svchost.exe                   1972 Services           0          34,236 K
valMBFPolicyService.exe      1052 Services           0           6,096 K
esif_uf.exe                   2868 Services           0           4,732 K
WMIRegistrationService.exe    3124 Services           0          10,748 K
SynIPEnhService.exe          3132 Services           0           5,184 K
IntelCpHDCPSvc.exe           3152 Services           0           6,400 K
```

**Description:** *tasklist* command to provide a current list of all tasks running on your PC.

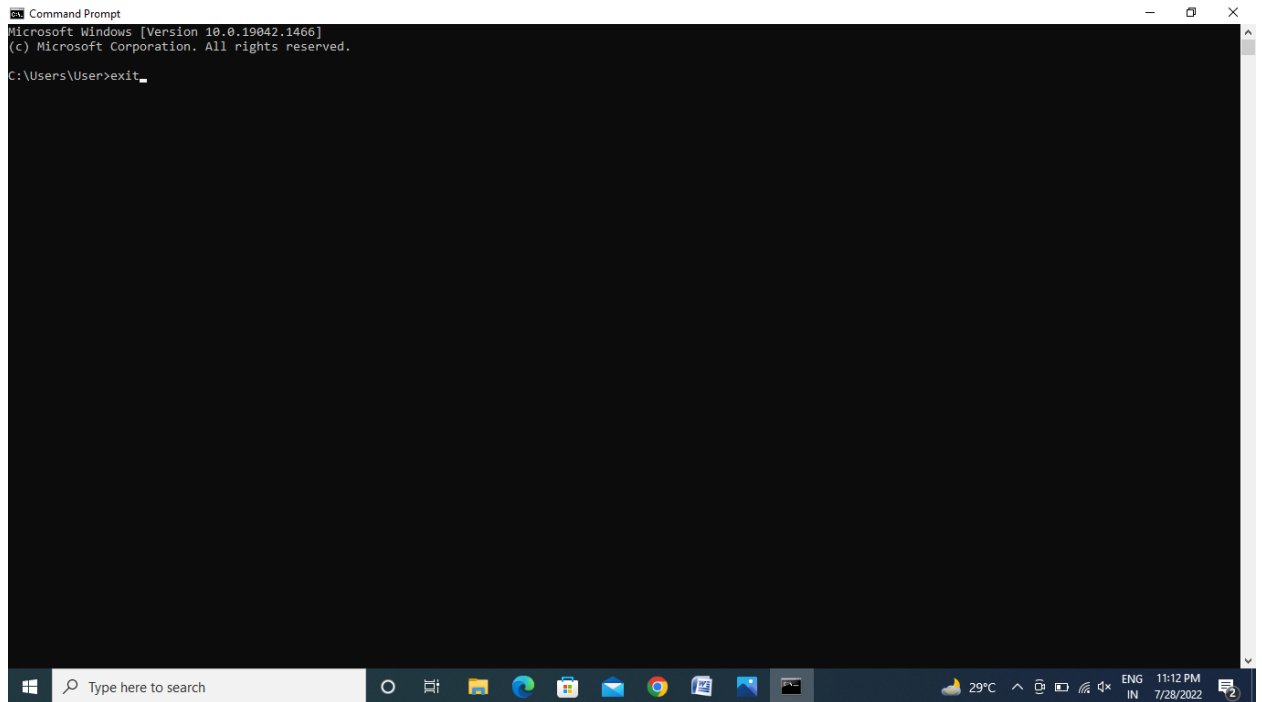
### 13. Logoff:

```
Command Prompt
C:\Users\User>logoff

C:\Users\User>
```

**Description :** it just off system present what work we are doing it is not shutdown,

#### 14. **Exit :**

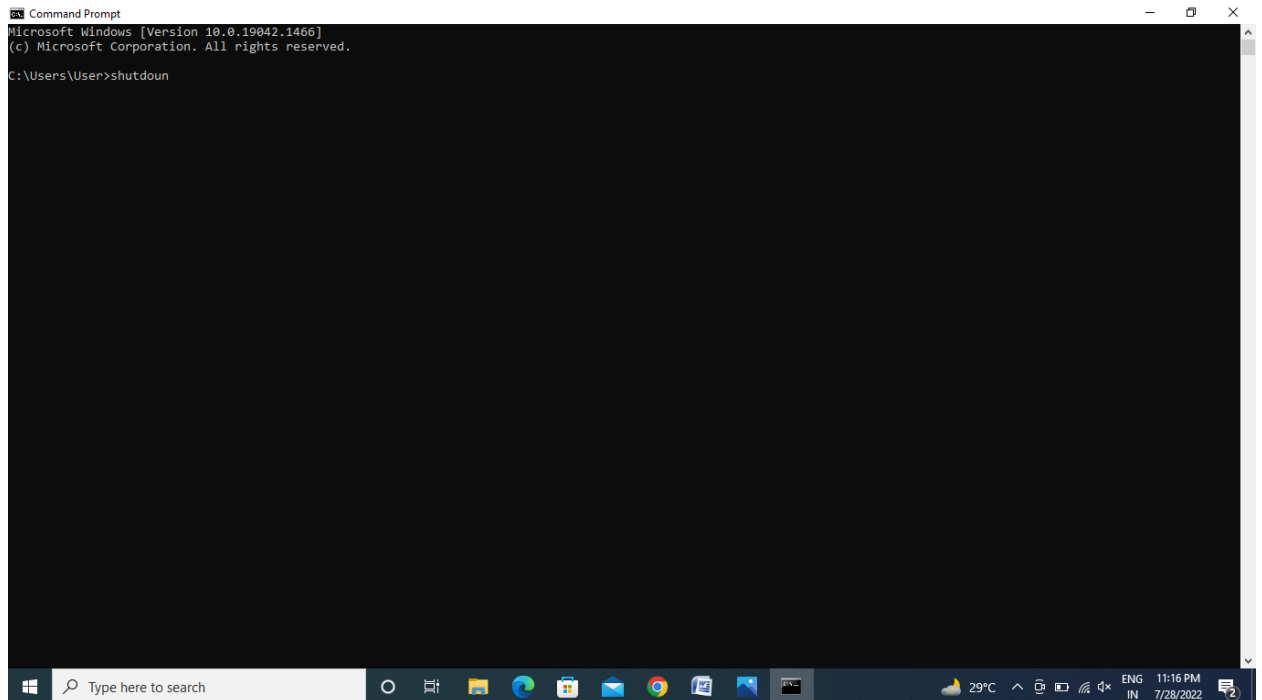


```
Command Prompt
Microsoft Windows [Version 10.0.19042.1466]
(c) Microsoft Corporation. All rights reserved.

C:\Users\User>exit
```

**Description :** The exit command is used to end the cmd.exe (Windows) or command.com (MS-DOS) session that you're currently working in.

#### 15. **Shut down :**



```
Command Prompt
Microsoft Windows [Version 10.0.19042.1466]
(c) Microsoft Corporation. All rights reserved.

C:\Users\User>shutdown
```



**Description :** *To shutdown system we use the shutdown command in command prompt.*