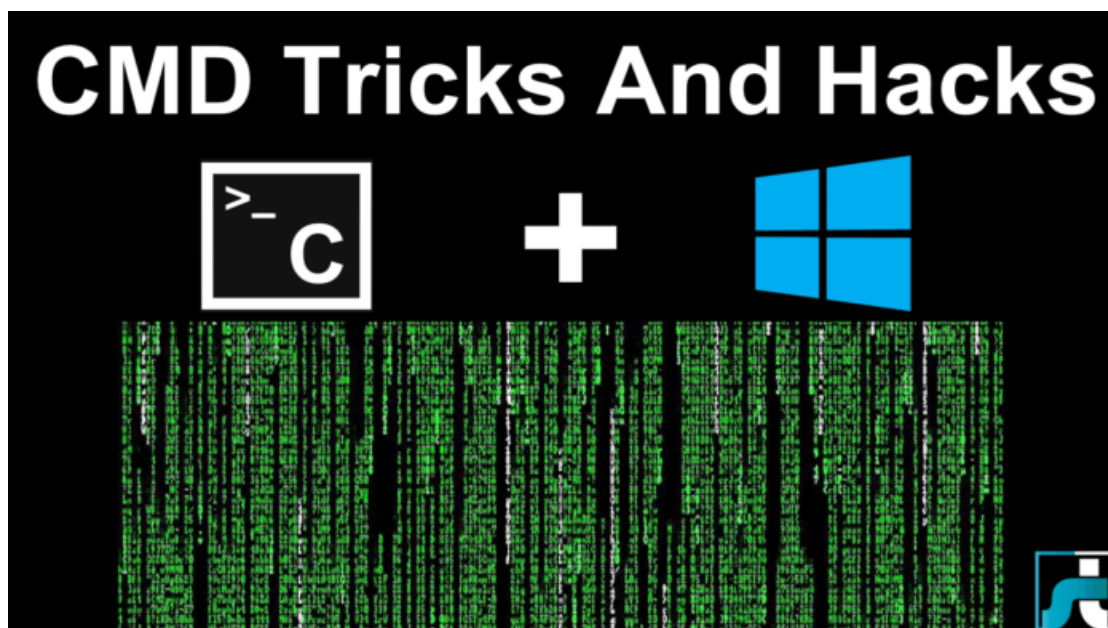


Best (Command Prompt) CMD Tricks And Hacks – 2021 (Latest)

By **Pahul Singh** - April 1, 2021



We use a computer almost in every field. The laptop is also a combination of hardware and software. The most basic software that is necessary to run a machine is the operating system. Most people use Microsoft Windows operating system.

Windows is instead a powerful GUI based operating system that is easy to operate. And, we can install different application software's on windows according to our needs, including MS Office, Adobe reader, music players, games, and notepad.

As we can use notepad for multiple tasks like coding editor, dairy, etc. For more, you can it at [notepad tips and tricks](#). But average users who have basic knowledge of computers don't know all the options of windows.

Some task in Windows is challenging to like getting IP addresses of a system, resolving the Domain name to IP address, knowing active internet connection, etc.

But in the DOS operating system, with the help of one command, we can do these tasks. DOS is the first command based operating system by Microsoft.

We can easily do any tasks with the help of Dos, but we only need to know about these commands. If you do not know about this command, then this article is for you. Because, in this article, we will provide you with a list of the **best CMD tricks and tips**.

List Of Best CMD Tricks (Command Prompt Hacks).

1. Creating Con Or Non-Deletable Folder With CMD.

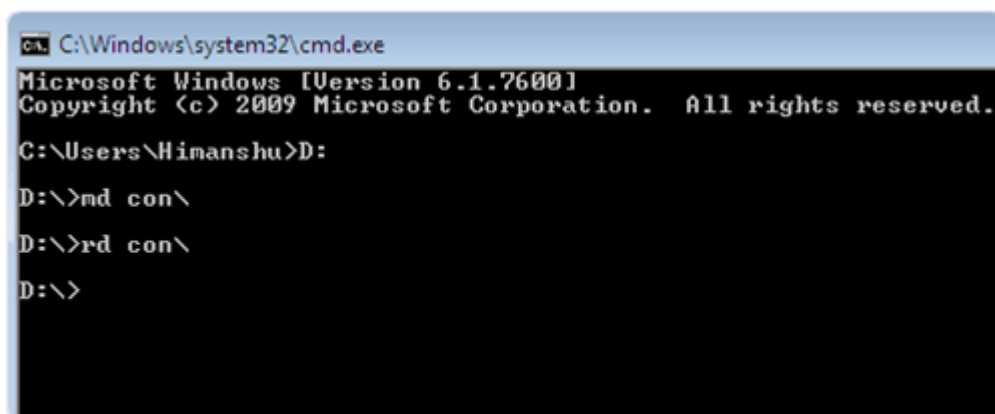
In Windows, you can't create a folder with name con or can not rename a folder to con. It is because it is a variable name used by Windows programming. And, other variable name includes lp1, lpt2, lpt3 up to lpt9, aux.

Due to these windows can not allow you to make a folder with this name. But with the help of the dos command, we can create a folder with such a name. So here how to implement this fantastic cmd trick.

1. Press the Windows button and run CMD as an administrator.
2. Type the command with this syntax "drive name." Because this command allows you to enter the drive in which you want to create a folder. For example, d: and press enter.
3. Now enter the following command.

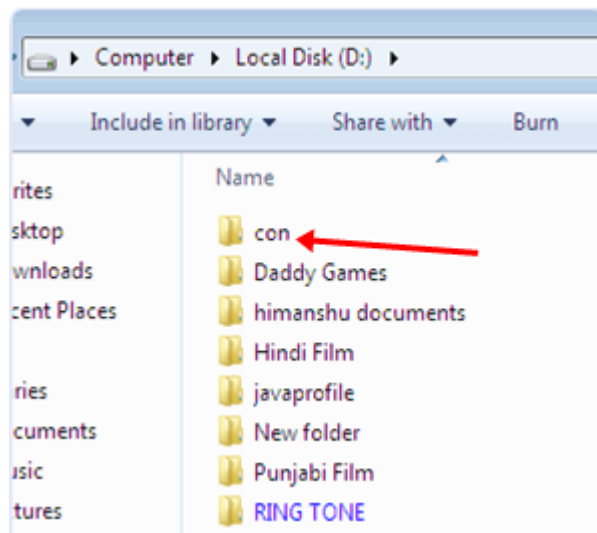
MD con and press enter.

4. After that, your folder is created in a specified drive.



```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7600]
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C:\Users\Himanshu>D:
D:\>md con\
D:\>rd con\
D:\>
```



Deleting con Folder.

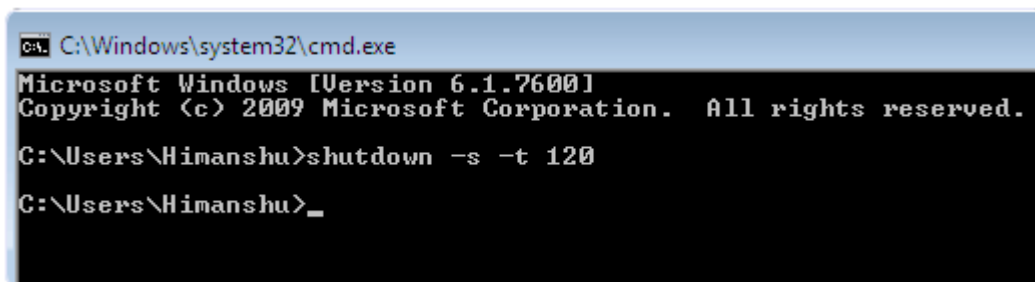
You can not delete such a folder manually by using Windows. To remove this folder, type the following command in the command prompt.

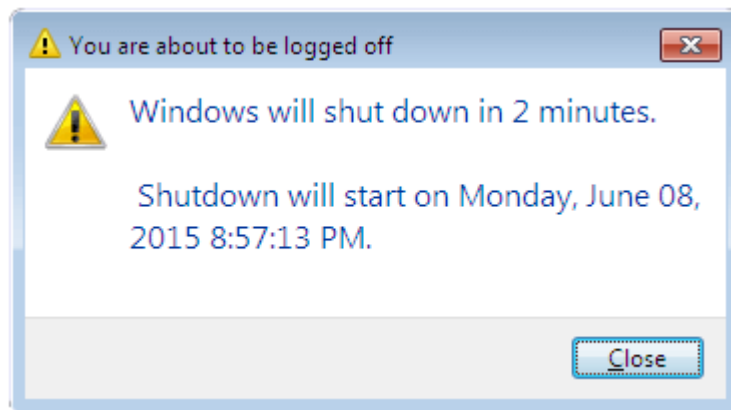
```
rd con
```

2. Shutdown Computer In Specified Time With CMD.

You can also shut down your computer at a specified time using the command prompt. If you want to shut down your computer, you have to type the following command after two minutes.

```
shutdown -s -t 120
```





3. Print Message Before Shut Down.

We can also print some messages before shutting down a computer. Some users can use it as a reminder, which reminds you of a task at the time of shut down.

We can do this by using the following command.

```
shutdown -s -t 500 -c "My message."
```

We can replace my message with our message we want to display.

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Himanshu>shutdown -s -t 500 -c "i don't want to work"
```

4. Shut Down Computer With Commands.

Best in all other cmd tricks and hacks. You can also shut down your computer by using the command prompt. Then, type the following command in it.

For Shut Down

```
shutdown -s
```

For Restarting

```
shutdown -r
```

For Logoff

```
shutdown -l
```

-s -r -l parameter tells the computer to shut down, restart, log off

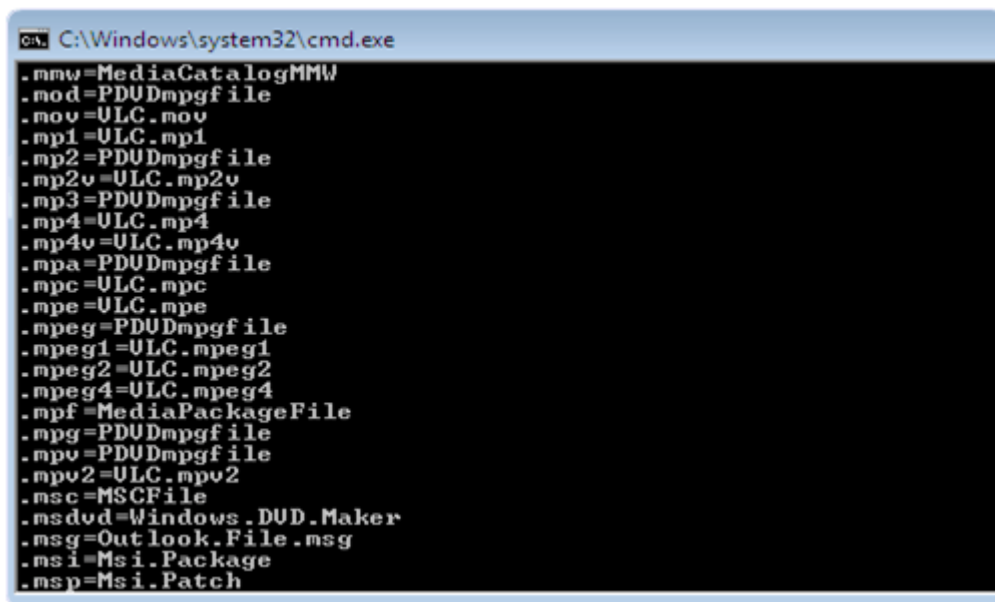
5. Assoc CMD Command.

There are many programs installed on our computer. Each program has its file extension. It is difficult to remember each file extension.

If you want to know which file is associated with which program then we can do this by typing the following command

Assoc

This command provides you a list of programs and their related data.



```
C:\Windows\system32\cmd.exe
. mmw=MediaCatalogMMW
. mod=PDUDmpgfile
. mov=ULC.mov
. mp1=ULC.mp1
. mp2=PDUDmpgfile
. mp2v=ULC.mp2v
. mp3=PDUDmpgfile
. mp4=ULC.mp4
. mp4v=ULC.mp4v
. mpa=PDUDmpgfile
. mpc=ULC.mpc
. mpe=ULC.mpe
. mpeg=PDUDmpgfile
. mpeg1=ULC.mpeg1
. mpeg2=ULC.mpeg2
. mpeg4=ULC.mpeg4
. mpf=MediaPackageFile
. mpg=PDUDmpgfile
. mpv=PDUDmpgfile
. mpv2=ULC.mpv2
. msc=MSCFile
. msdvd=Windows.DVD.Maker
. msg=Outlook.File.msg
. msi=MsI.Package
. msp=MsI.Patch
```

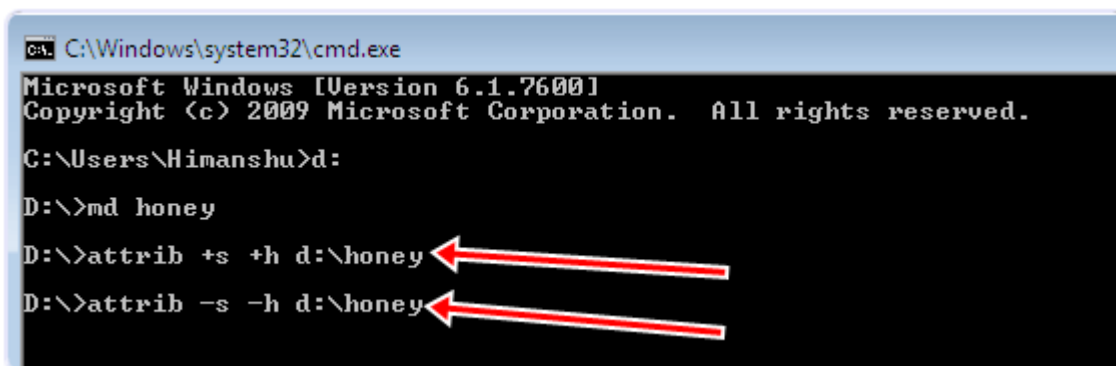
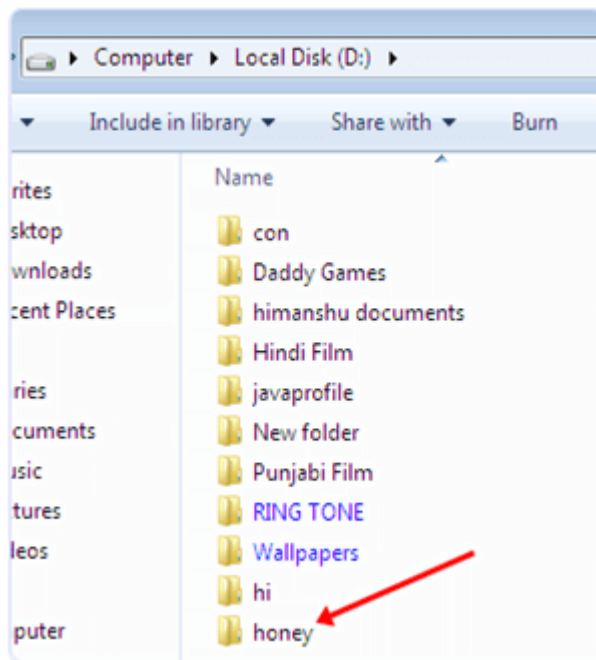
6. Hide A Folder With CMD Command.

We can play some interesting tricks with the command prompt. Hiding a folder is one of them.

By hiding a folder, you can also save your data from other users. You can do this by typing the following command.

attrib +s +h D:ABC

Where **ABC** is the name of the directory, we want to hide.



Unhide The Folder.

If we can also unhide the hidden folder using the command prompt. To unhide the folder, you need to type the following command.

```
attrib -s -h D:ABC
```

7. Net Related Commands.

A net is a cmd tool that is used to see the stat of the network. This command provides information about the active connection.

This command is used to update or view network settings.

It is used to view the services that are started using the following versions of this command

1. net stop server (the server is currently not running any service).

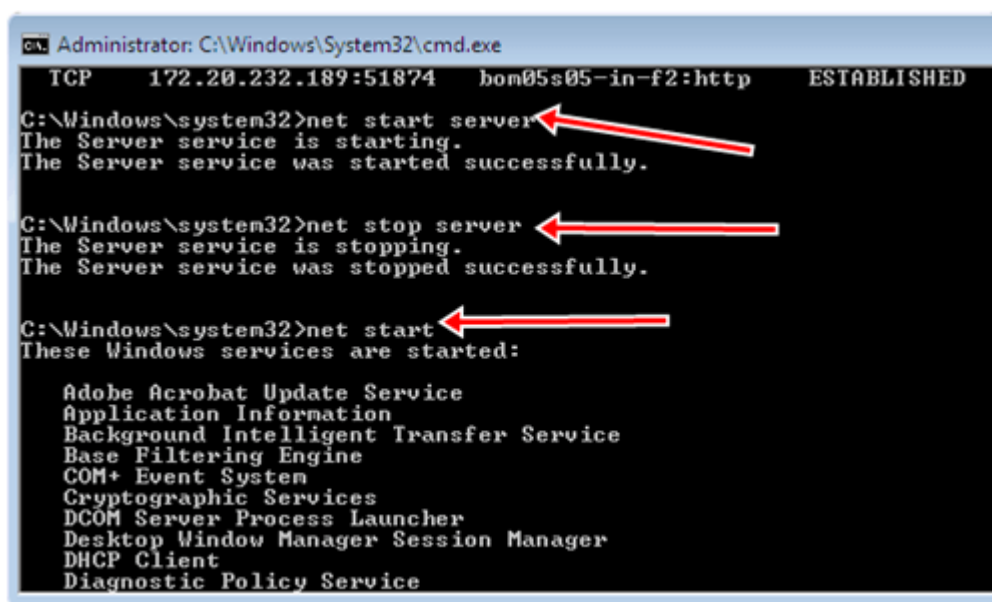
2. net start server (the server is starting a service).

3. net start (it is used to check the services that are currently running).

4. To connect to shared network devices, use the following command.

net use m:sharedservername (for connecting to share network drives).

net use m:sharedservername/delete (for disconnecting to share network drives).



```
Administrator: C:\Windows\System32\cmd.exe
TCP    172.20.232.189:51874    bom05s05-in-f2:http    ESTABLISHED

C:\Windows\system32>net start server
The Server service is starting.
The Server service was started successfully.

C:\Windows\system32>net stop server
The Server service is stopping.
The Server service was stopped successfully.

C:\Windows\system32>net start
These Windows services are started:

Adobe Acrobat Update Service
Application Information
Background Intelligent Transfer Service
Base Filtering Engine
COM+ Event System
Cryptographic Services
DCOM Server Process Launcher
Desktop Window Manager Session Manager
DHCP Client
Diagnostic Policy Service
```

8. Netstat CMD Command.

Netstat command is an essential tool when you want to know about who is establishing a connection with your computer. The output of this command provides you the information about all active connections and listening ports.

We can view Ethernet statistics and resolve connecting host IP address to a fully qualified domain name. Netstat command can be used with the following attributes.

1. -a (display all connection).

2. -n (sorts connection in numerical order).

3. -b (executable display name. that is browser name).

```

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

C:\Windows\system32>
C:\Windows\system32>netstat
Active Connections
Proto Local Address           Foreign Address         State
TCP    172.20.232.189:49160      74.125.68.188:5228      ESTABLISHED
TCP    172.20.232.189:51863      bom03s05-in-f9:https    ESTABLISHED
TCP    172.20.232.189:51865      gru06s10-in-f23:https    ESTABLISHED

C:\Windows\system32>netstat -a
Active Connections
Proto Local Address           Foreign Address         State
TCP    0.0.0.0:135              Himanshu-PC:0          LISTENING
TCP    0.0.0.0:445              Himanshu-PC:0          LISTENING
TCP    0.0.0.0:49152            Himanshu-PC:0          LISTENING
TCP    0.0.0.0:49153            Himanshu-PC:0          LISTENING
TCP    0.0.0.0:49154            Himanshu-PC:0          LISTENING
TCP    0.0.0.0:49155            Himanshu-PC:0          LISTENING
TCP    0.0.0.0:49156            Himanshu-PC:0          LISTENING

```

9. IP Related CMD Command.

IPconfig is the most useful command to see the IP address, Default gateway, and subnet mask. This command is related to networking and is most famous for troubleshooting the problems related to TCP/IP.

To view Subnet Mask and IP Address used.

ipconfig

To view TCP/IP related Information use.

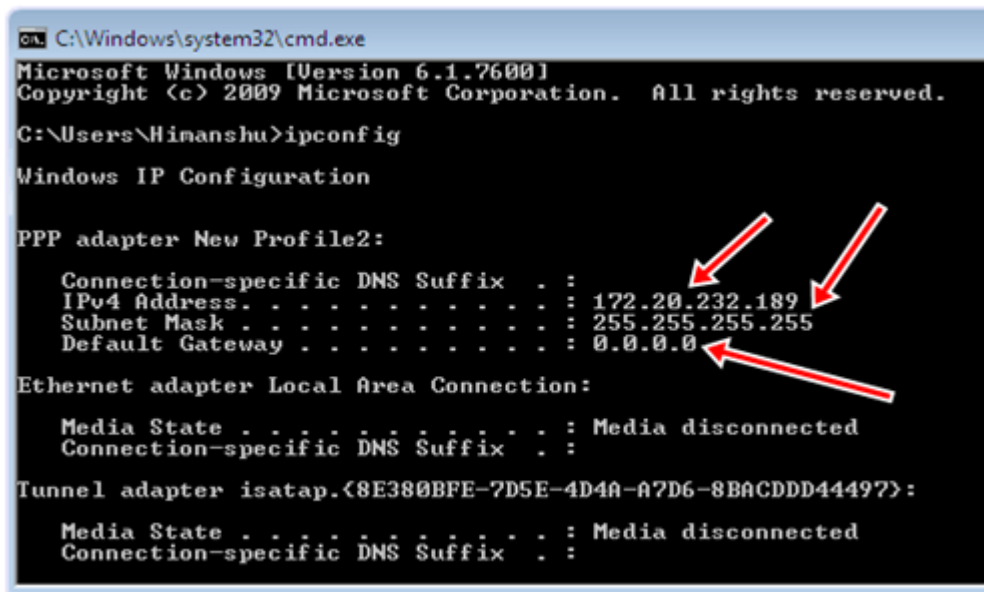
ipconfig/all

To view DNS cache use.

ipconfig/displaydns

To delete the local cache of DNS use.

ipconfig/flushdns



```
ca. C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7600]
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C:\Users\Himanshu>ipconfig

Windows IP Configuration

PPP adapter New Profile2:

    Connection-specific DNS Suffix  . : 
    IPv4 Address. . . . . : 172.20.232.189
    Subnet Mask . . . . . : 255.255.255.255
    Default Gateway . . . . . : 0.0.0.0

Ethernet adapter Local Area Connection:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

Tunnel adapter isatap.{8E380BFE-7D5E-4D4A-A7D6-8BACDDD44497}:

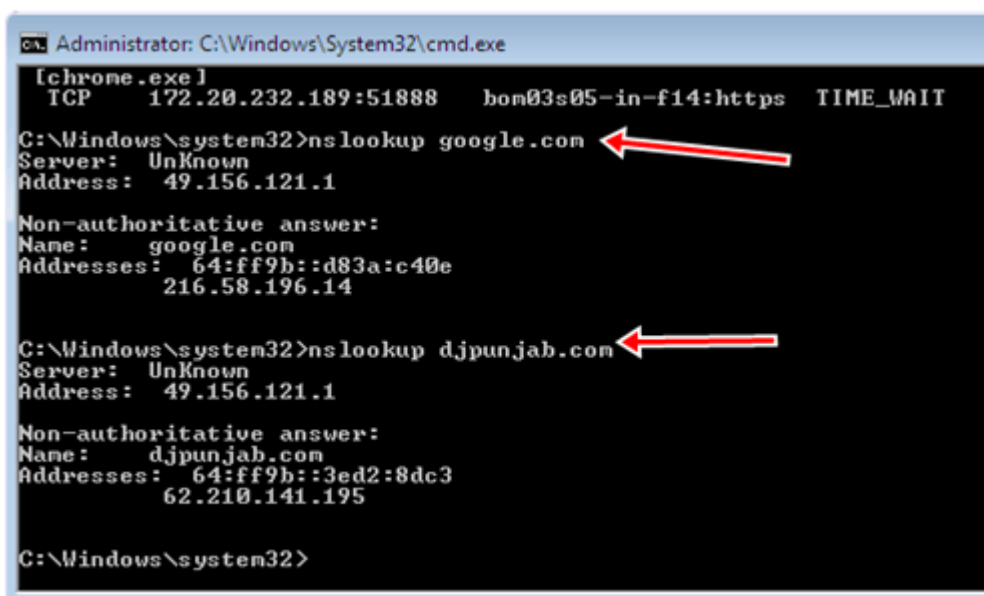
    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :
```

10. Nslookup CMD Command.

When we use the internet, the Domain name server resolves the Domain names to IP addresses, so we do not need to remember the IP addresses.

But in case of troubleshooting, we can instead get the IP address of a particular website using this command.

Hence, the syntax is **nslookup google.com**



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

[chrome.exe]
TCP 172.20.232.189:51888 bon03s05-in-f14:https TIME_WAIT

C:\Windows\system32>nslookup google.com
Server: UnKnown
Address: 49.156.121.1

Non-authoritative answer:
Name: google.com
Addresses: 64:ff9b::d83a:c40e
          216.58.196.14

C:\Windows\system32>nslookup djpunjab.com
Server: UnKnown
Address: 49.156.121.1

Non-authoritative answer:
Name: djpunjab.com
Addresses: 64:ff9b::3ed2:8dc3
          62.210.141.195

C:\Windows\system32>
```

11. Get a List Of PC Drivers.

Another amazing in all cmd tricks by using it, we can get a complete list of all drivers installed on your PC along with their details. Just type **"driver query"** in the Command Prompt.

Then, tap on entering to see a list of all drivers installed on your PC along with their details.

```
Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7600]
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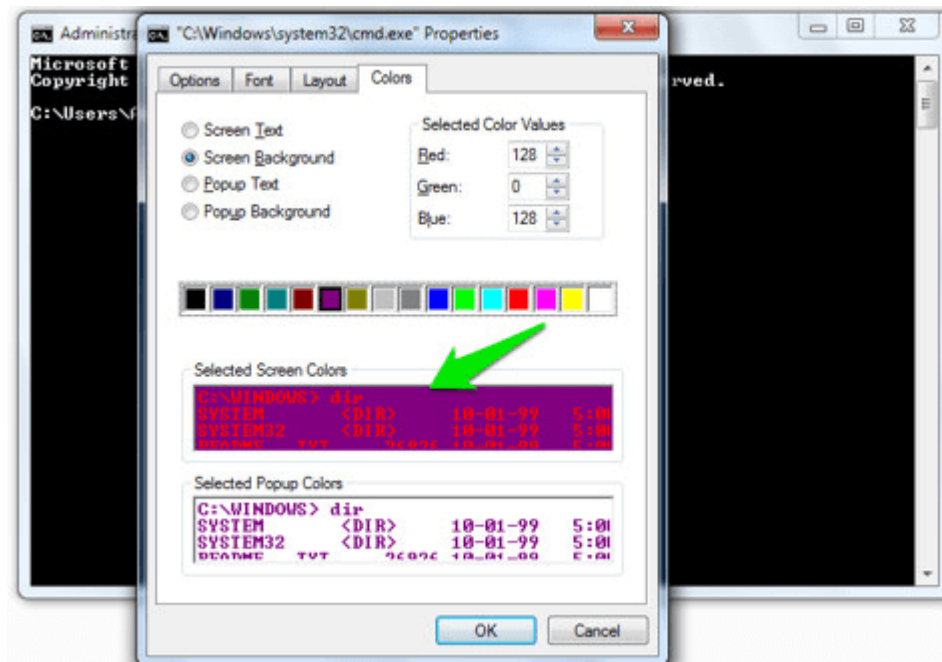
C:\Users\Administrator>driverquery

Module Name      Display Name      Driver Type      Link Date
=====
1394ohci         1394 OHCI Compliant Ho Kernel          7/14/2009 4:51:59 AM
ACPI             Microsoft ACPI Driver Kernel          7/14/2009 4:11:11 AM
AcpiPmi          ACPI Power Meter Drive Kernel          7/14/2009 4:16:36 AM
adp94xx          adp94xx           Kernel          12/6/2008 4:59:55 AM
adpahci          adpahci           Kernel          5/1/2007 10:29:26 PM
adpu320          adpu320           Kernel          2/28/2007 5:03:08 AM
AFD              Ancillary Function Dri Kernel          7/14/2009 4:12:34 AM
agp440           Intel AGP Bus Filter Kernel          7/14/2009 4:25:36 AM
aic78xx          aic78xx           Kernel          4/12/2006 5:20:11 AM
aliide           aliide            Kernel          7/14/2009 4:11:17 AM
amdagp           AMD AGP Bus Filter Dri Kernel          7/14/2009 4:25:36 AM
amdide           amdide            Kernel          7/14/2009 4:11:19 AM
AmdK8            AMD K8 Processor Drive Kernel          7/14/2009 4:11:03 AM
AmdPPM           AMD Processor Driver Kernel          7/14/2009 4:11:03 AM
amdsata          amdsata           Kernel          5/19/2009 10:54:22 PM
amdsbs           amdsbs           Kernel          3/20/2009 11:35:26 PM
amdxata          amdxata           Kernel          5/19/2009 10:57:35 PM
androidusb       Google Device Driver Kernel          1/15/2009 2:27:30 AM
AppID            AppID Driver      Kernel          7/14/2009 4:36:51 AM
arc              arc               Kernel          5/25/2007 2:31:06 AM
arcsas           arcsas            Kernel          1/15/2009 12:26:37 AM
AsynMac          RAS Asynchronous Media Kernel          7/14/2009 4:54:46 AM
atapi            atapi             Kernel          7/14/2009 4:11:15 AM
b06bdrv          Broadcom NetXtreme II Kernel          2/14/2009 3:10:59 AM
b57nd60x         Broadcom NetXtreme Gig Kernel          4/24/2013 8:08:43 AM
```

12. Command Prompt Color Change.

We have seen Command Prompt with a black screen and white font since forever. Because it is the default theme. What users do not know is that the colors in the command prompt can be easily changed. So here most wanted in all CMD tricks.

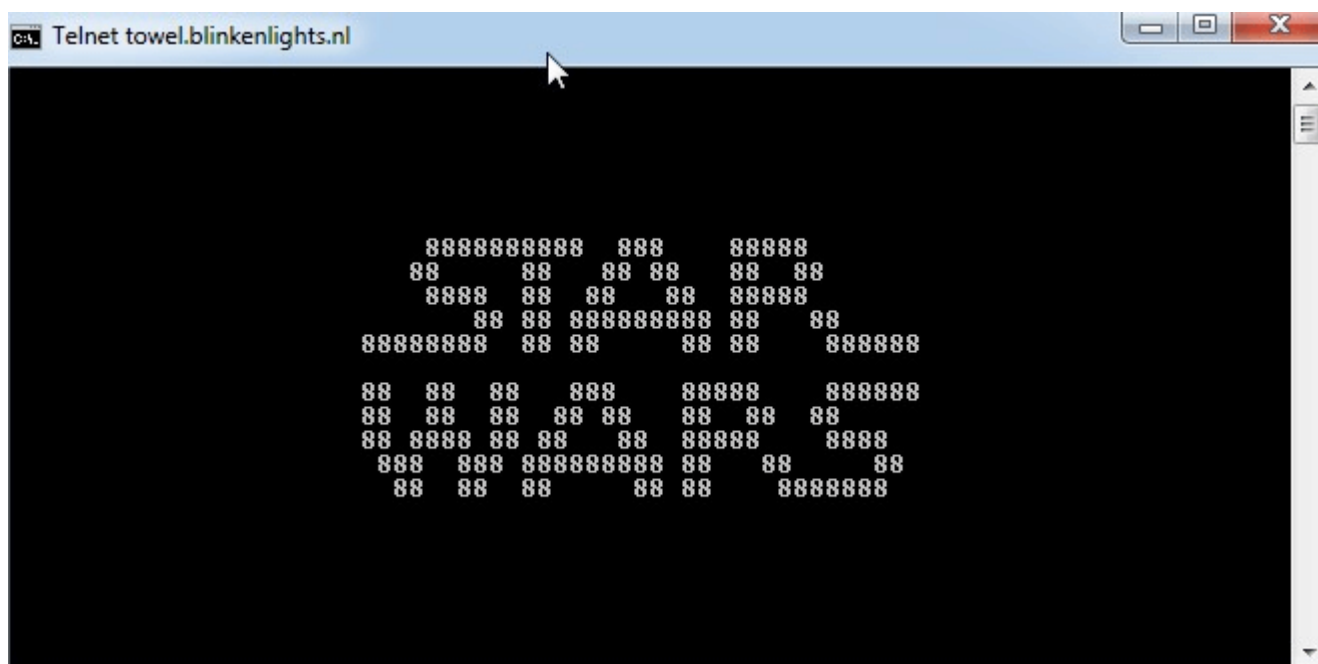
To do so, right-click at the top corners of Command Prompt, then select **"Properties"** from the menu. In the properties, click on the **"Colors"** tab, and you will find all the options to change the color of both text and background.



13. Star Wars IV Trick.

In this nonproductive yet awesome trick, we will tell you how to watch star wars. Well, it won't be an HD version, but the ASCII coded movie is still delightful.

To view the film, open Command Prompt, then enter this command **"telnet towel.blinkenlights.nl"** and hit Enter. Make sure you have telnet enabled on your PC. to know more, [click here](#).



14. Create Your Own WiFi Hotspot.

Due to android phones, we are using Wifi hotspots. Therefore, we can create a Wifi hotspot using our laptop or PC with this simple CMD trick.

You can instead use this trick to share your wireless dongle internet connection with other devices.

Enter the following command to enable Wi-Fi Hotspot.

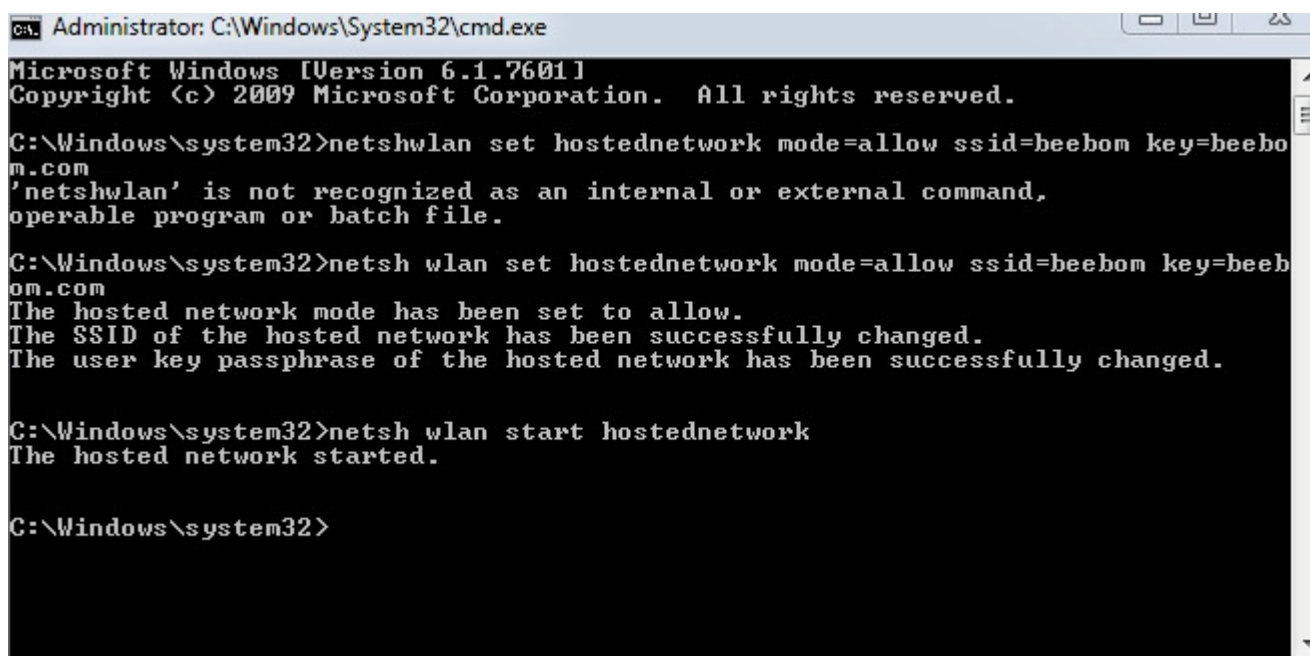
"netsh WLAN set hostednetwork mode=allow ssid=Hotspotname key=password"

Then, to start Hotspot, enter :

"netsh WLAN start hostednetwork"

As well as to stop hotspot, come:

"netsh WLAN stop hostednetwork"

A screenshot of a Windows Command Prompt window titled "Administrator: C:\Windows\System32\cmd.exe". The window shows the following commands and their outputs:
1. Command: `C:\Windows\system32>netsh wlan set hostednetwork mode=allow ssid=beebom key=beebom.com`
Output: `'netsh wlan' is not recognized as an internal or external command, operable program or batch file.`
2. Command: `C:\Windows\system32>netsh wlan set hostednetwork mode=allow ssid=beebom key=beebom.com`
Output: `The hosted network mode has been set to allow.
The SSID of the hosted network has been successfully changed.
The user key passphrase of the hosted network has been successfully changed.`
3. Command: `C:\Windows\system32>netsh wlan start hostednetwork`
Output: `The hosted network started.`
4. Command: `C:\Windows\system32>`

Watch YouTube Videos On CMD Tricks

In conclusion, these are some best cmd tricks and hacks. We hope you like them all and find them working. In case you still face any problem or you know cmd tricks which are missing, we

know, and we will update it.