

KANKANWAR DEVASHISH SANGAM
18BCN7022
LAB 4

1.how to hide any file?

ATTRIB

then set flag

```
Microsoft Windows [Version 10.0.19041.804]
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C:\Users\Devashish>attrib
A             C:\Users\Devashish\.angular-config.json
A             C:\Users\Devashish\.dbshell
A             C:\Users\Devashish\.emulator_console_auth_token
A             C:\Users\Devashish\.mongorc.js
A             C:\Users\Devashish\.node_repl_history
A             C:\Users\Devashish\my project.html files
A             C:\Users\Devashish\netdata.txt
A H I        C:\Users\Devashish\NTUSER.DAT
A SH         C:\Users\Devashish\ntuser.dat.LOG1
A SH         C:\Users\Devashish\ntuser.dat.LOG2
A SH         C:\Users\Devashish\NTUSER.DAT{1bc0058e-1b81-11eb-b30d-dc99064de1f8}.TM.blf
A SH         C:\Users\Devashish\NTUSER.DAT{1bc0058e-1b81-11eb-b30d-dc99064de1f8}.TMContainer000000000000000001.regtrans-ms
A SH         C:\Users\Devashish\NTUSER.DAT{1bc0058e-1b81-11eb-b30d-dc99064de1f8}.TMContainer000000000000000002.regtrans-ms
A SH         C:\Users\Devashish\ntuser.ini
A            C:\Users\Devashish\webtech.txt

C:\Users\Devashish>attrib +h +s +r /S /D C:\Users\Devashish\Documents\My Games
Parameter format not correct -

C:\Users\Devashish>attrib +h +s +r /S /D C:\Users\Devashish\Documents\DEVA_SC_LAB

C:\Users\Devashish>attrib -h -s -r /S /D C:\Users\Devashish\Documents\DEVA_SC_LAB

C:\Users\Devashish>attrib +h +s +r /S /D C:\Users\Devashish\Documents\DEVA_SC_LAB

C:\Users\Devashish>attrib -h -s -r /S /D C:\Users\Devashish\Documents\DEVA_SC_LAB
```

2.powerconfig
CMD:powercfg
Batteryreport
powercfg/BATTERYREPORT

```
C:\Users\Devashish>powercfg/BATTERYREPORT  
Battery life report saved to file path C:\Users\Devashish\battery-report.html.
```

Battery report

COMPUTER NAME	DESKTOP-L8UAHHR
SYSTEM PRODUCT NAME	LENOVO 81DE
BIOS	8TCN60WW 11/26/2020
OS BUILD	19041.1.amd64fre.vb_release.191206-1406
PLATFORM ROLE	Mobile
CONNECTED STANDBY	Not supported
REPORT TIME	2021-02-20 11:18:36

Installed batteries

Information about each currently installed battery

	BATTERY 1
NAME	L16M2PB1
MANUFACTURER	SMP
SERIAL NUMBER	14138
CHEMISTRY	LiP
DESIGN CAPACITY	30,000 mWh
FULL CHARGE CAPACITY	21,980 mWh
CYCLE COUNT	-

LASTWAKE AND /A

C:\Users\Devashish>

C:\Users\Devashish>powercfg /energy

This command requires administrator privileges and must be executed from an elevated command prompt.

C:\Users\Devashish>powercfg /lastwake

Wake History Count - 1

Wake History [0]

Wake Source Count - 0

C:\Users\Devashish>powercfg /hibernate off

'powercfg' is not recognized as an internal or external command, operable program or batch file.

C:\Users\Devashish>powercfg /hibernate off

This command requires administrator privileges and must be executed from an elevated command prompt.

C:\Users\Devashish>powercfg /a

The following sleep states are available on this system:

Standby (S3)

Hibernate

Hybrid Sleep

The following sleep states are not available on this system:

Standby (S1)

The system firmware does not support this standby state.

Standby (S2)

The system firmware does not support this standby state.

Standby (S0 Low Power Idle)

The system firmware does not support this standby state.

Fast Startup

This action is disabled in the current system policy.

C:\Users\Devashish>powercfg /devicequery

Invalid Parameters -- try "/" for help

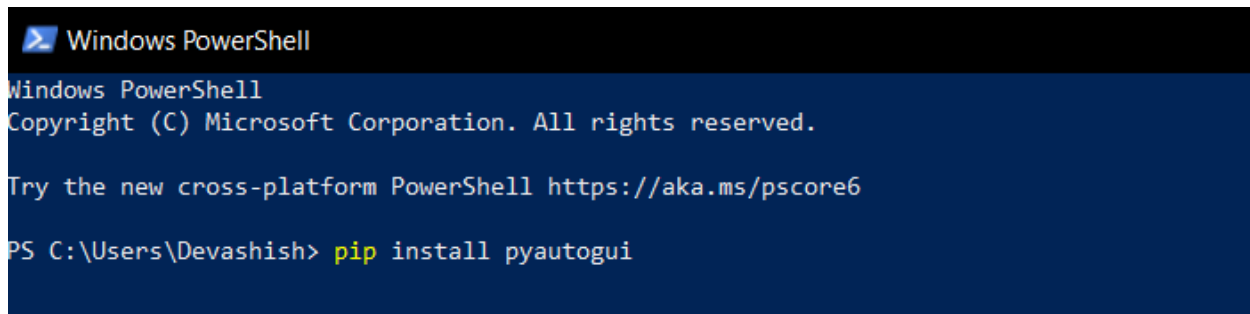
C:\Users\Devashish>powercfg /devicequery S1_supported

Root Print Queue

Intel(R) iCLS Client
Volume Manager
WAN Miniport (PPPOE)
Microsoft Basic Display Driver
Intel(R) Dynamic Application Loader Host Interface
USB Root Hub (USB 3.0)
VirtualBox Host-Only Ethernet Adapter
Microsoft XPS Document Writer
OneNote (Desktop)
WAN Miniport (PPTP)
Speakers (Realtek High Definition Audio)
Fax
Microsoft Hyper-V Virtualization Infrastructure Driver
WAN Miniport (IKEv2)
Composite Bus Enumerator
Microsoft Virtual Drive Enumerator
Generic software component
Microsoft Storage Spaces Controller
Microsoft Kernel Debug Network Adapter
Intel(R) Graphics Command Center
Microsoft Print to PDF
Intel(R) Wireless Bluetooth(R)
OnePlus Bullets Wireless Z Hands-Free AG Audio
UMBus Root Bus Enumerator
Charge Arbitration Driver
ACPI x64-based PC
OneNote for Windows 10
WAN Miniport (Network Monitor)
WAN Miniport (IP)
Headset (OnePlus Bullets Wireless Z Hands-Free AG Audio)
Microsoft Wi-Fi Direct Virtual Adapter
Microsoft Wi-Fi Direct Virtual Adapter #2
Microsoft Basic Render Driver
Microsoft Bluetooth LE Enumerator
WAN Miniport (SSTP)
NS-SPBTWAVE2 Hands-Free AG Audio
Intel(R) Graphics Control Panel
Intel(R) iCLS Client (001)
Intel(R) Dynamic Application Loader Host Interface (001)
Generic software component (001)
Headset (OnePlus Bullets Wireless Z Hands-Free AG Audio) (001)
NDIS Virtual Network Adapter Enumerator
Microphone (Realtek High Definition Audio)
Generic PnP Monitor (001)

Microsoft System Management BIOS Driver
Microsoft Bluetooth Enumerator
Headphones (OnePlus Bullets Wireless Z Stereo)
Plug and Play Software Device Enumerator
Remote Desktop Device Redirector Bus
WAN Miniport (IPv6)
Bluetooth Device (RFCOMM Protocol TDI)
Bluetooth Device (Personal Area Network)
WAN Miniport (L2TP)

Q)lock the screen of computer using python?

A screenshot of a Windows PowerShell terminal window. The title bar says "Windows PowerShell". The text inside the terminal shows the standard PowerShell startup messages: "Windows PowerShell", "Copyright (C) Microsoft Corporation. All rights reserved.", and "Try the new cross-platform PowerShell https://aka.ms/pscore6". Below these, the command "PS C:\Users\Devashish> pip install pyautogui" has been entered and executed.

```
>>> import pyautogui  
C:\Users\Devashish> python C:\Users\Devashish\pycodes\pyautogui.lock.py
```

Q)clear recycle bin using python?

```
import winshell  
winshell.recycle_bin().empty(confirm=False, show_progress=False, sound=False)
```