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```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\WINDOWS\system32> powercfg /energy
Enabling tracing for 60 seconds...
Observing system behavior...
Analyzing trace data...
Analysis complete.

Energy efficiency problems were found.

4 Errors
17 Warnings
31 Informational

See C:\WINDOWS\system32\energy-report.html for more details.
PS C:\WINDOWS\system32>
```

```
PS C:\WINDOWS\system32> powercfg /?

POWERCFG /COMMAND [ARGUMENTS]

Description:
    Enables users to control power settings on a local system.

    For detailed command and option information, run "POWERCFG /? <COMMAND>"

Command List:
    /LIST, /L          Lists all power schemes.

    /QUERY, /Q         Displays the contents of a power scheme.

    /CHANGE, /X        Modifies a setting value in the current power scheme.

    /CHANGENAME        Modifies the name and description of a power scheme.

    /DUPLICATESCHEME   Duplicates a power scheme.

    /DELETE, /D        Deletes a power scheme.
```

/DELETESetting	Deletes a power setting.
/SETACTIVE, /S	Makes a power scheme active on the system.
/GETACTIVEScheme	Retrieves the currently active power scheme.
/SETACVALUEINDEX	Sets the value associated with a power setting while the system is powered by AC power.
/SETDCVALUEINDEX	Sets the value associated with a power setting while the system is powered by DC power.
/IMPORT	Imports all power settings from a file.
/EXPORT	Exports a power scheme to a file.
/ALIASES	Displays all aliases and their corresponding GUIDs.
/GETSECURITYDESCRIPTOR	Gets a security descriptor associated with a specified power setting, power scheme, or action.

/SETSECURITYDESCRIPTOR	Sets a security descriptor associated with a power setting, power scheme, or action.
/HIBERNATE, /H	Enables and disables the hibernate feature.
/AVAILABLESLEEPSTATES, /A	Reports the sleep states available on the system.
/DEVICEQUERY	Returns a list of devices that meet specified criteria.
/DEVICEENABLEWAKE	Enables a device to wake the system from a sleep state.
/DEVICEDISABLEWAKE	Disables a device from waking the system from a sleep state.
/LASTWAKE	Reports information about what woke the system from the last sleep transition.
/WAKETIMERS	Enumerates active wake timers.
/REQUESTS	Enumerates application and driver Power Requests.

```

/REQUESTSOVERRIDE Sets a Power Request override for a particular Process,
Service, or Driver.

/ENERGY           Analyzes the system for common energy-efficiency and
battery life problems.

/BATTERYREPORT    Generates a report of battery usage.

/SLEEPSTUDY       Generates a diagnostic system power transition report.

/SRUMUTIL         Dumps Energy Estimation data from System Resource Usage
Monitor (SRUM).

/SYSTEMSLEEPDIAGNOSTICS
                  Generates a diagnostic report of system sleep transitions.

/SYSTEMPOWERREPORT Generates a diagnostic system power transition report.

/POWERTHROTTLING  Control power throttling for an application.

```

```

PS C:\WINDOWS\system32> powercfg lastwake
Wake History Count - 1
Wake History [0]
Wake Source Count - 0
PS C:\WINDOWS\system32>

```

```

PS C:\Users\Pavana\Desktop> attrib /?
Displays or changes file attributes.

ATTRIB [+R | -R] [+A | -A] [+S | -S] [+H | -H] [+O | -O] [+I | -I] [+X | -X] [+P | -P] [+U | -U]
[drive:][path][filename] [/S [/D]] [/L]

+ Sets an attribute.
- Clears an attribute.
R Read-only file attribute.
A Archive file attribute.
S System file attribute.
H Hidden file attribute.
O Offline attribute.
I Not content indexed file attribute.
X No scrub file attribute.
V Integrity attribute.
P Pinned attribute.
U Unpinned attribute.
B SMR Blob attribute.
[drive:][path][filename]
Specifies a file or files for attrib to process.
/S Processes matching files in the current folder
and all subfolders.
/D Processes folders as well.
/L Work on the attributes of the Symbolic Link versus
the target of the Symbolic Link

```

```
PS C:\Users\Pavana\Desktop> attrib +h +r +s /s /d .\College\CAT.xlsx
PS C:\Users\Pavana\Desktop> dir
```

Directory: C:\Users\Pavana\Desktop

Mode	LastWriteTime	Length	Name
d-----	03-03-2021 16:26		AIIESEC
d-----	30-03-2021 00:40		College
d-----	15-03-2021 16:12		Me
d-----	29-03-2021 00:05		Pavana
-a-----	27-11-2020 16:57	1639	.RData
-a-----	20-03-2021 12:44	2287	Microsoft Edge.lnk
-a-----	02-03-2021 14:41	2372	Microsoft Teams.lnk
-a-----	27-01-2021 10:41	126579	timetable.PNG
-a-----	04-10-2020 22:39	1945	Zoom.lnk

```
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Python Scripts:

1. To Lock Windows PC

```
import ctypes
ctypes.windll.user32.LockWorkStation()
```

2. To Clear Recycle Bin

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