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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                AIESEC
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)
```