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Terminal tricks cheat sheet

20 tricks for Windows. Type each command in PowerShell or Terminal. Read a command before you run it.

Battery health

```
powercfg /batteryreport
```

Saves an HTML report. Compare design capacity with full charge capacity.

What woke the PC

```
powercfg /lastwake
```

Names the device or timer that woke it from sleep.

Apps using the internet

```
netstat -nb
```

Open the terminal as administrator. App names show in [brackets].

Saved Wi-Fi password

```
netsh wlan show profile name="NAME" key=clear
```

Read "Key Content". Only for networks this PC has joined.

Devices on your Wi-Fi

```
arp -a
```

Lists addresses on your network. Ping the range first to see more.

Wi-Fi signal and channel

```
netsh wlan show interfaces
```

Shows signal strength, channel and speed of the current connection.

Router address

```
ipconfig | findstr Gateway
```

Then ping -n 20 that address to test your Wi-Fi.

What websites see of you

```
curl.exe ipinfo.io
```

Your public IP and rough location. Check that your VPN works.

Where a short link goes

```
curl.exe -sI https://bit.ly/YOUR-LINK
```

Read the Location line. The link is not opened.

Shutdown timer

```
shutdown /s /t 3600
```

Shuts down in 1 hour. Cancel with shutdown /a.

Pictures out of a Word file

```
tar -xf report.docx word/media
```

A .docx is a zip file. The pictures land in word\media.

Move apps to a new PC

```
winget export -o apps.json
```

On the new PC: winget import -i apps.json --ignore-unavailable

Firewall check

```
Get-NetFirewallProfile | select Name, Enabled
```

All three profiles should say True.

Who signed a program

```
Get-AuthenticodeSignature .\setup.exe | select Status, @{n='Signer';e={$_.SignerCertificate.Subject}}
```

Valid is not the same as safe. Read the signer name.

Apps that are not responding

```
Get-Process | ? { -not $_.Responding } | select Name, Id
```

Only lists them. Nothing is closed.

Cheat sheet for any command

```
curl.exe cheat.sh/tldr:robocopy
```

Swap robocopy for any command name.

Dictionary in the terminal

```
curl.exe dict://dict.org/d:serendipity
```

Swap the word. Use m: instead of d: to check a spelling.

Clipboard history

`Win` + `V`

Paste anything you copied earlier. Turn it on the first time.

Restart a frozen display driver

`Win` + `Ctrl` + `Shift` + `B`

The screen flickers and your apps stay open.

Search one site on Google

```
site:reddit.com best budget laptop
```

Paste into Google, not the terminal. Add before:2024 for older posts.

Full steps and what each output means: usepromptup.com/terminal

Outputs differ on every PC. Mac and Linux commands are in the posts.