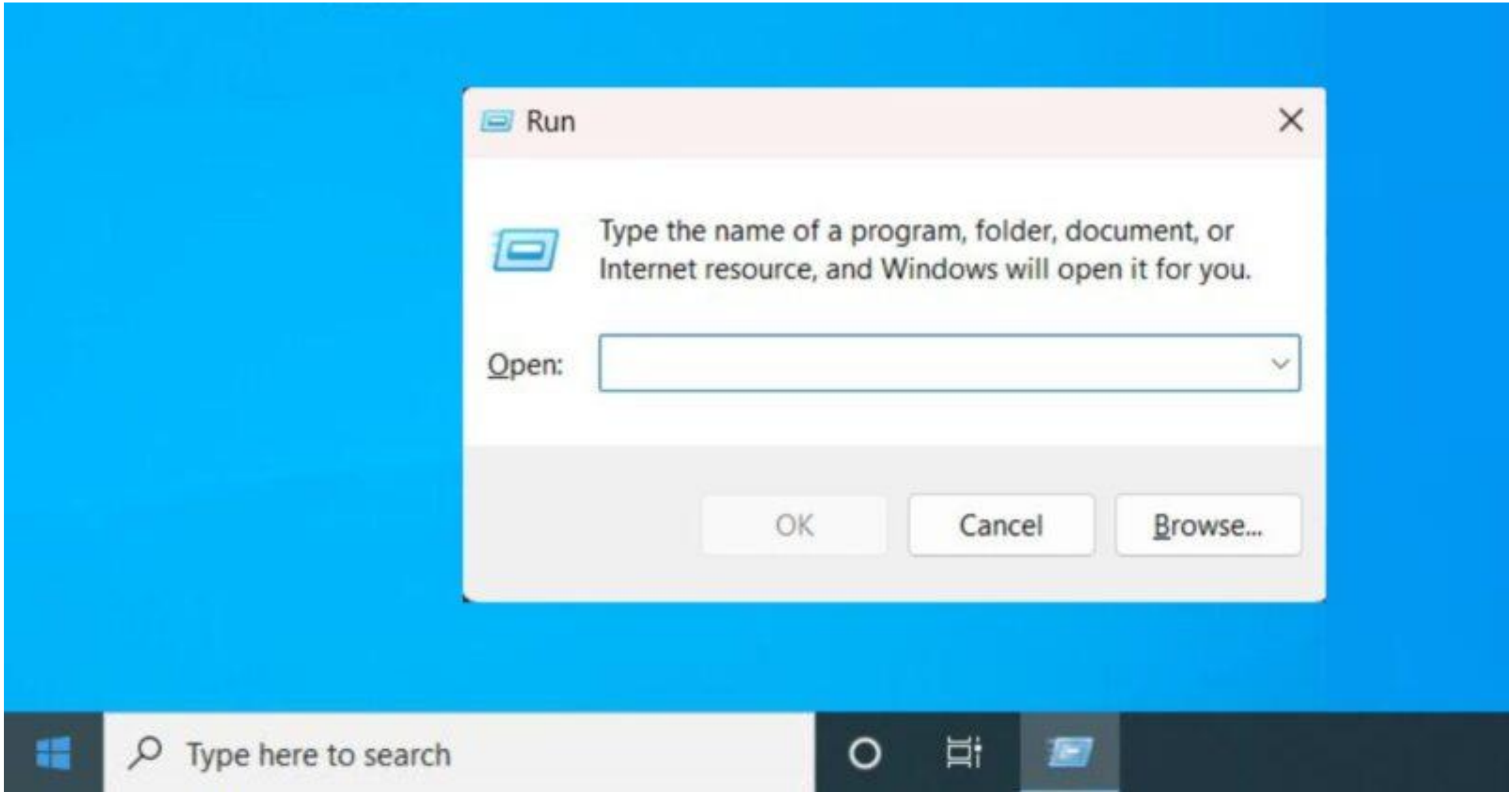
Win+R

Most important Commands

Win+R


Run
Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:
OK
Cancel
Browse...
Type here to search

Access System Configuration: “msconfig”

Open desk management:”diskmgmt.msc”

ALT+CTRL+DEL

%temp%

prefetch

Access Resource Monitor: “resmon”

Open System Information: “msinfo32”

Access Mouse Properties: “main.cpl”

Open Windows Registry: “regedit”

Access System Properties: “sysdm.cpl”

Manage Windows Power Options: powercfg.cpl

Open Windows Features: “optionalfeatures”

Open Magnifier: “magnify”

Access Network Connections: “ncpa.cpl”

Run Malicious Software Removal Tool: “mrt”

Open Device Manager: “devmgmt.msc”

Manage User Accounts: “netplwiz”

Open Services App: “services.msc”

Access Programs and Features Window: “appwiz.cpl”

Open Control Panel: “control”

Open On-Screen Keyboard: “osk”

Open Windows Memory Diagnostic: “mdsched”

Open Any Website: “Insert website URL”

Open Remote Desktop Connection: “mstsc”

Sima

Open Command Prompt: “cmd”

- **Ping**

```
C:\Users\Joel>ping www.google.com

Pinging www.google.com [216.58.219.228] with 32 bytes of data:
Reply from 216.58.219.228: bytes=32 time=16ms TTL=54
Reply from 216.58.219.228: bytes=32 time=20ms TTL=54
Reply from 216.58.219.228: bytes=32 time=18ms TTL=54
Reply from 216.58.219.228: bytes=32 time=16ms TTL=54

Ping statistics for 216.58.219.228:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 16ms, Maximum = 20ms, Average = 17ms
```

Tracert Zheer

```
C:\Users\Joel>tracert www.google.com

Tracing route to www.google.com [216.58.219.228]
over a maximum of 30 hops:

  1    <1 ms    <1 ms    <1 ms  192.168.0.1
  2    11 ms    11 ms    13 ms  96.120.77.49
  3    11 ms    10 ms    11 ms  xe-7-3-0-32767-sur01.49thst.pa.panjde.comcast.net [6
  4    12 ms    12 ms    12 ms  be-23-ar03.newcastle.de.panjde.comcast.net [69.139.1
  5    13 ms    14 ms    13 ms  hu-0-9-0-0-ar03.ivyland.pa.panjde.comcast.net [69.13
  6    19 ms    18 ms    18 ms  be-33287-cr02.newyork.ny.ibone.comcast.net [68.86.93
  7    17 ms    17 ms    16 ms  68.86.84.218
  8    17 ms    18 ms    16 ms  as27589-2.miami.fl.ibone.comcast.net [75.149.228.186
  9    18 ms    18 ms    17 ms  216.239.62.125
 10    17 ms    16 ms    18 ms  64.233.174.117
 11    18 ms    16 ms    16 ms  lga25s41-in-f228.1e100.net [216.58.219.228]

Trace complete.
```

Ipconfig Mabast

```
C:\Users\Joel>ipconfig

Windows IP Configuration


Wireless LAN adapter Wi-Fi:

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

Wireless LAN adapter Local Area Connection* 2:

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

Ethernet adapter Ethernet:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::c115:5e0b:95a4:5aa3%8
   IPv4 Address. . . . . . . . . . . : 192.168.0.102
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . : 192.168.0.1

Ethernet adapter Ethernet 2:

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

Tunnel adapter isatap.{FCEE928D-4AE1-4204-8F5F-4C64CD07A080}:

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

Tunnel adapter Teredo Tunneling Pseudo-Interface:

   Connection-specific DNS Suffix  . :
   IPv6 Address. . . . . . . . . . . : 2001:0:9d38:6ab8:2058:2d97:3f57:ff99
   Link-local IPv6 Address . . . . . : fe80::2058:2d97:3f57:ff99%3
   Default Gateway . . . . . . . . . : ::
```

Getmac Mohammed Hama

```
C:\Users\Joel>getmac

Physical Address    Transport Name
=================== ============================================================
00-FF-CB-10-15-73   Media disconnected
28-F0-76-10-E8-E2   Media disconnected
38-C9-86-21-D0-4D   \Device\Tcpip_{FCEE928D-4AE1-4204-8F5F-4C64CD07A080}
```

Nslookup Darbeen

```
C:\Users\Joel>nslookup www.google.com
1.0.168.192.in-addr.arpa
        primary name server = localhost
        responsible mail addr = nobody.invalid
        serial  = 1
        refresh = 600 (10 mins)
        retry   = 1200 (20 mins)
        expire  = 604800 (7 days)
        default TTL = 10800 (3 hours)
Server:  UnKnown
Address:  192.168.0.1

Non-authoritative answer:
Name:    www.google.com
Addresses:  2607:f8b0:4006:80d::2004
          172.217.4.68
```

Netstat Lava

```
C:\Users\Joel>netstat

Active Connections

  Proto  Local Address          Foreign Address        State
  TCP    127.0.0.1:1564         DESKTOP-44N9LCA:1565   ESTABLISHED
  TCP    127.0.0.1:1565         DESKTOP-44N9LCA:1564   ESTABLISHED
  TCP    127.0.0.1:1566         DESKTOP-44N9LCA:1567   ESTABLISHED
  TCP    127.0.0.1:1567         DESKTOP-44N9LCA:1566   ESTABLISHED
  TCP    127.0.0.1:1589         DESKTOP-44N9LCA:1590   ESTABLISHED
  TCP    127.0.0.1:1590         DESKTOP-44N9LCA:1589   ESTABLISHED
  TCP    127.0.0.1:1594         DESKTOP-44N9LCA:1595   ESTABLISHED
  TCP    127.0.0.1:1595         DESKTOP-44N9LCA:1594   ESTABLISHED
  TCP    127.0.0.1:1645         DESKTOP-44N9LCA:1646   ESTABLISHED
  TCP    127.0.0.1:1646         DESKTOP-44N9LCA:1645   ESTABLISHED
  TCP    192.168.0.102:1552     bn3sch020010540:https  ESTABLISHED
  TCP    192.168.0.102:1560     client:https           CLOSE_WAIT
  TCP    192.168.0.102:1568     api:https              CLOSE_WAIT
  TCP    192.168.0.102:1597     104.16.59.37:https     ESTABLISHED
  TCP    192.168.0.102:1601     qo-in-f109:imaps       ESTABLISHED
  TCP    192.168.0.102:1603     s154:imaps             ESTABLISHED
  TCP    192.168.0.102:1606     qo-in-f109:imaps       ESTABLISHED
  TCP    192.168.0.102:1630     qo-in-f109:imaps       ESTABLISHED
  TCP    192.168.0.102:1633     qo-in-f109:imaps       ESTABLISHED
  TCP    192.168.0.102:1635     qo-in-f109:imaps       ESTABLISHED
  TCP    192.168.0.102:1636     qo-in-f109:imaps       ESTABLISHED
  TCP    192.168.0.102:1637     qo-in-f109:imaps       ESTABLISHED
  TCP    192.168.0.102:1648     ec2-52-32-153-92:https  ESTABLISHED
  TCP    192.168.0.102:1709     pat-ash2:5222          ESTABLISHED
  TCP    192.168.0.102:1740     ec2-52-73-156-0:https  ESTABLISHED
```

Netsh

```
C:\Users\Joel>netsh /?

Usage: netsh [-a AliasFile] [-c Context] [-r RemoteMachine] [-u [DomainName\]UserNam
             [Command | -f ScriptFile]

The following commands are available:

Commands in this context:
?               - Displays a list of commands.
add             - Adds a configuration entry to a list of entries.
advfirewall     - Changes to the `netsh advfirewall' context.
branchcache     - Changes to the `netsh branchcache' context.
bridge          - Changes to the `netsh bridge' context.
delete          - Deletes a configuration entry from a list of entries.
dhcpclient      - Changes to the `netsh dhcpclient' context.
dnsclient       - Changes to the `netsh dnsclient' context.
dump            - Displays a configuration script.
exec            - Runs a script file.
firewall        - Changes to the `netsh firewall' context.
help            - Displays a list of commands.
http            - Changes to the `netsh http' context.
interface       - Changes to the `netsh interface' context.
ipsec           - Changes to the `netsh ipsec' context.
lan             - Changes to the `netsh lan' context.
mbn             - Changes to the `netsh mbn' context.
```