```
PS C:\WINDOWS\system32> netstat -aon

Active Connections

  Proto  Local Address          Foreign Address        State           PID
  TCP    0.0.0.0:135            0.0.0.0:0              LISTENING       1180
  TCP    0.0.0.0:445            0.0.0.0:0              LISTENING       4
  TCP    0.0.0.0:1521           0.0.0.0:0              LISTENING       4140
  TCP    0.0.0.0:3306           0.0.0.0:0              LISTENING       5368
  TCP    0.0.0.0:5040           0.0.0.0:0              LISTENING       7732
  TCP    0.0.0.0:6465           0.0.0.0:0              LISTENING       6532
  TCP    0.0.0.0:6466           0.0.0.0:0              LISTENING       6532
  TCP    0.0.0.0:27036          0.0.0.0:0              LISTENING       8892
  TCP    0.0.0.0:33060          0.0.0.0:0              LISTENING       5368
  TCP    0.0.0.0:49664          0.0.0.0:0              LISTENING       352
  TCP    0.0.0.0:49665          0.0.0.0:0              LISTENING       936
  TCP    0.0.0.0:49666          0.0.0.0:0              LISTENING       1788
  TCP    0.0.0.0:49667          0.0.0.0:0              LISTENING       2524
  TCP    0.0.0.0:49668          0.0.0.0:0              LISTENING       3576
  TCP    0.0.0.0:49674          0.0.0.0:0              LISTENING       1008
  TCP    10.1.0.16:139          0.0.0.0:0              LISTENING       4
  TCP    10.1.0.16:54867        104.17.51.86:443       ESTABLISHED     2648
  TCP    10.1.0.16:54906        20.198.162.78:443      ESTABLISHED     25292
  TCP    10.1.0.16:54948        142.250.194.74:443     ESTABLISHED     20148
  TCP    10.1.0.16:54979        107.167.110.223:443    CLOSE_WAIT      2904
  TCP    10.1.0.16:54980        107.167.110.223:443    CLOSE_WAIT      2904
  TCP    10.1.0.16:55113        13.35.238.152:443      ESTABLISHED     15936
  TCP    10.1.0.16:55178        204.79.197.219:443     ESTABLISHED     25292
  TCP    10.1.0.16:55200        34.107.221.82:80       ESTABLISHED     14688
  TCP    10.1.0.16:55201        34.107.221.82:80       ESTABLISHED     14688
  TCP    10.1.0.16:56828        142.250.193.10:443     ESTABLISHED     20148
  TCP    10.1.0.16:56833        54.191.251.76:443      ESTABLISHED     14688
  TCP    10.1.0.16:56838        20.198.162.78:443      ESTABLISHED     4316
  TCP    10.1.0.16:56856        142.251.10.188:5228    ESTABLISHED     15936
  TCP    10.1.0.16:56897        157.240.1.60:443       ESTABLISHED     2904
  TCP    10.1.0.16:57756        18.211.92.227:443      ESTABLISHED     6532
  TCP    10.1.0.16:60532        103.10.124.162:27023   ESTABLISHED     8892
  TCP    10.1.0.16:64292        35.186.224.47:443      ESTABLISHED     7728
  TCP    10.1.0.16:64293        162.159.136.234:443    ESTABLISHED     7728
  TCP    10.1.0.16:64538        74.125.200.188:5228    ESTABLISHED     2904
```

As you can see we have 5 columns.

Proto: This is the base protocol being used (TCP/UDP)

Local address: This is the IP address and Port number (separated by a colon) of your computer being used to communicate.

Now you can see that in the screenshot, we have various IP addresses: 0.0.0.0 , 10.0.75.1 , 127.0.0.1

This IP address tells you which network is this entry for. For example, if you are connected via LAN cable and get the IP 192.168.12.123, then all communications via the LAN cable will have this IP. Parallelly, if you also have WiFi connected with the IP address 10.0.0.145 then for WiFi connections, this IP will be shown.

Also, 0.0.0.0 simply means all interfaces, be it Local, LAN, WiFi etc. And 127.0.0.1 means communication is happening locally within your own computer between different applications.

Foreign Address: This is the address of the device your system is communicating with. So let's say you visit Google.com on port 443 and Google's IP address is 1.2.3.4 then in the foreign address, you will see 1.2.3.4:443 and in the local address, you will see the IP address of the network interface being used to connect to Google (Like your LAN IP or your WiFi IP etc)

State: This is a very important column as it tells you the state of the connection. In the above screenshot, you can see 'Listening', which means your system is waiting for a connection on the given port. Similarly, 'Established' means a connection has already been made and communication is probably happening.

PID: This is the process ID of the software handling the communication. You can use 'tasklist' command to see all running programs and their respective process ID.

Now let us break down the 1st entry in the output

Here the Protocol is TCP

As the state is listening, and the local address is 0.0.0.0:135 it means that our computer is waiting for

connections on port 135 and 0.0.0.0 means from anywhere, so anyone in your network whether WiFi, LAN or from your own computer, can connect to your IP on port 135.

In listening, the foreign address doesn't matter too much.

The PID here is 1080.

Below is the output of tasklist command showing what exactly is 1080.

So this means that svchost.exe is listening on port 135 for incoming connections from anywhere (0.0.0.0)

Now your task was to find open ports on your computer which are waiting for connections i.e.state is Listening.

From the 1st screenshot, we can see that our system is listening for connections on the following ports:

135, 445, 903, 913, 1536, 1537 and many more (you might have more or less ports)

You can search about these ports on Google to see what they are used for and why your system is waiting for the connection.

For example, the port 135 is used by an internal Windows Service responsible for your system to communicate with other Windows machines in the network for file sharing, authentication, etc.

Same is for 445.