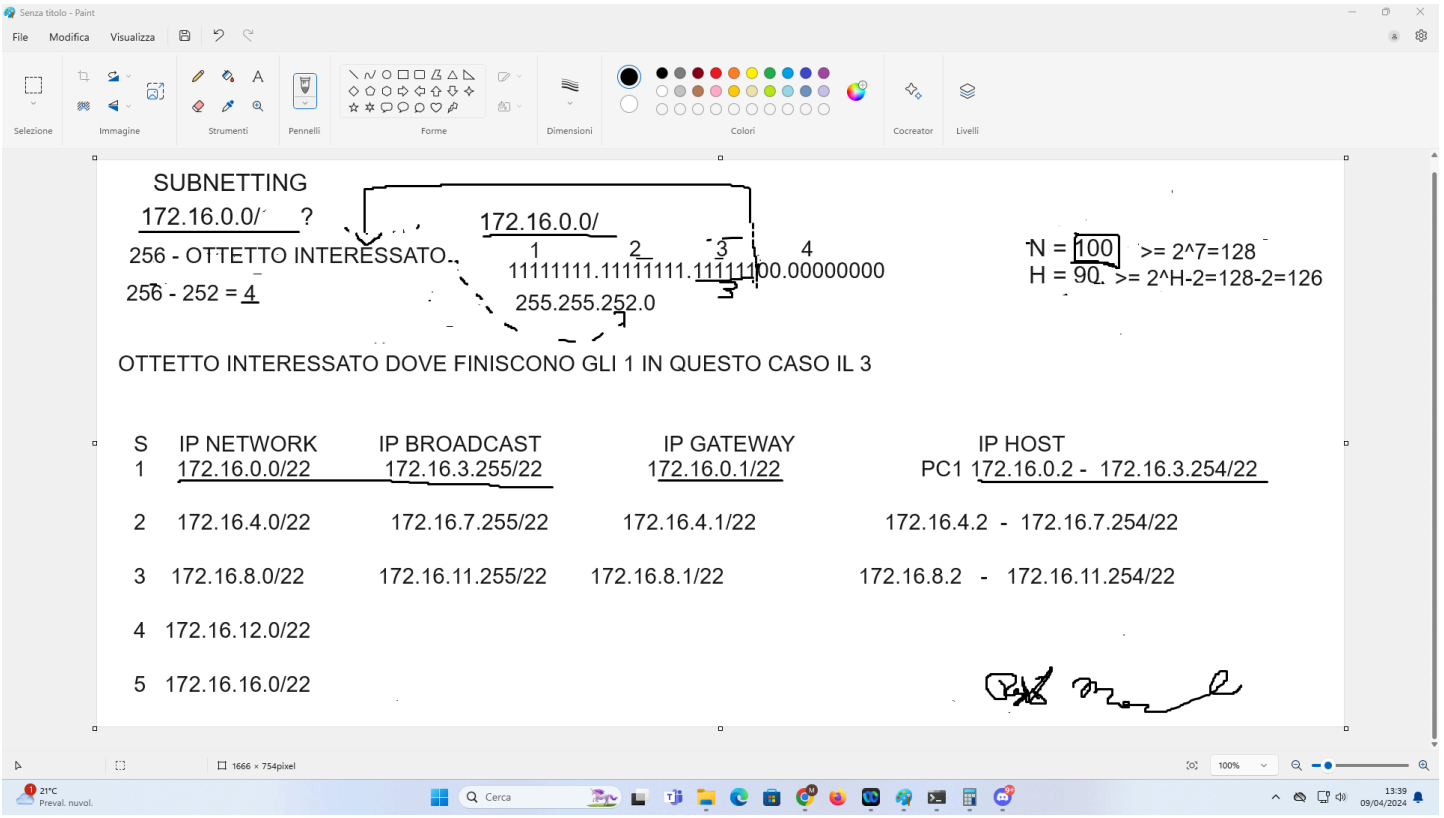
Ipv4		
Classe A	0-127	10.10.10.10
Classe B	128 - 191	172.168.3.4
Classe C	192 - 223	192.168.1.206
Classe D	224 - 239	225.67.8.9
Classe E	240 - 255	255.255.255.255



Scrivere per i seguenti IP: IP Network, IP Gateway ‘convenzionale’, IP Broadcast, quali e quanti ottetti per gli host, quanti e quali per la network.

- 1.1.1.1/8
- 128.1.6.5/12
- 200.1.2.3/24
- 192.192.1.1/22
- 126.5.4.3/9
- 200.1.9.8/24
- 172.16.0.4/16

1.1.1.1 / 8
Classe A - (8)

Subnet = 255.0.0.0
Broadcast =1.255.255.255
IP Network =1.0.0.0
IP Gateway =1.0.0.1
IP Host =1.0.0.2/8 a 1.255.255.254/8
8 Network e 24 Host

128.1.6.5/ 12 (1+2+4+8=15)
Classe B (8+4) = (11111111.11110000.00000000.00000000)
256.240.0.0
Subnet = 255.240.0.0
Broadcast = 128.15.255.255
Ip Network = 128.0.0.0/12
IP gateway = 128.0.0.1/12
IP Host = 128.0.0.2/12 A 128.15.255.254/12
12 Network + 20 Host

200.1.2.3/24

Classe C (8+8+8) = (11111111.11111111.11111111.00000000)
Subnet = 255.255.255.0
Broadcast = 200.1.2.255
IP Network = 200.1.2.0/24
IP Gateway = 200.1.2.1/24
IP Host = 200.1.2.1/24 A 200.255.254
24 Network+8 Host

192.192.1.1/22
Classe C (8+8+6) = (11111111.1111111.11111100.00000000)

Subnet = 255.255.252.0
Broadcast = 192.192.1.255/22
IP Network = 192.192.3.255
IP Gateway = 192.192.0.1

IP Host = 192.192.0.2 A 192.192.3.254
22 Network + 10 host

126.5.4.3/9
Classe A (8+1) = (nnnnnnnn.nhhhhhhh.hhhhhhhh.hhhhhhhh)

Subnet =126.128.0.0
Broadcast =126.128.255.255
IP Network =126.128.0.0
IP Gateway =126.128.0.1
IP Host =126.128.0.2
9 Network + 23 host

172.16.0.4/16
Classe B (8+8) (nnnnnnnn.nnnnnnnn.hhhhhhhh.hhhhhhhh)

Subnet =255.255.0.0
Broadcast = 172.15.255.255
IP Network =172.16.0.0
IP Gateway =172.16.0.1
IP Host =172.16.02 A 172.16.254