

Task n'2 Tests

Input: '192.168.0.', 24

Output:

The numbers of available hosts in the subnet: 254

The number of endpoints: 254

The network address: 192.168.0.0

The First endpoint IP: 192.168.0.1

The Last endpoint IP: 192.168.0.254

The Broadcast IP address: 192.168.0.255

Input: '192.168.5.', 24

Output:

The numbers of available hosts in the subnet: 254

The number of endpoints: 254

The network address: 192.168.5.0

The First endpoint IP: 192.168.5.1

The Last endpoint IP: 192.168.5.254

The Broadcast IP address: 192.168.5.255

Input: '192.168.0.', 28

Output:

The numbers of available hosts in the subnet: 14

The number of endpoints: 14

The network address: 192.168.0.0

The First endpoint IP: 192.168.0.1

The Last endpoint IP: 192.168.0.14

The Broadcast IP address: 192.168.0.15

Input: '192.168.0.', 31

Output:

The numbers of available hosts in the subnet: 2

The number of endpoints: 2

The network address: There is no separate address reserved for network identification in a point-to-point connection with a /31 subnet mask

The First endpoint IP: 192.168.0.0

The Last endpoint IP: 192.168.0.1

The Broadcast IP address: There is no broadcast address in a point-to-point connection with a /31 subnet mask