ADDRESS CLASSIFICATION

Class Start address	Leading bits End address	Size of network number bit field	Size of rest bit field	Number of networks	Addresses per network
A 0.0.0.0	0 127.255.255.255	8	24	128 (2^7)	16,777,216 (2^24)
B 128.0.0.0	10 191.255.255.255	16	16	16,384 (2^14)	65,536 (2^16)
C 192.0.0.0	110 223.255.255.255	24	8	2,097,152 (2^21)	256 (2^8)

Networks with addresses beginning with 0 are class A networks;
first 8 bits (first one always 0) are network address, last 24 are host addresses;

Networks with addresses beginning with 10 are class B networks;
first 16 bits (first two always 10) are network addresses, last 16 are host addresse
s;

Networks with addresses beginning with 110 are class C networks;
first 24 bits (first three always 110) are network addresses, last 8 are host addres
s;

BY DEFINITION!