## CSNETWK - IP ADDRESSING PRACTICE EXERCISE

10.50.75.129	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	
255.255.252.0	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	
10.50.72.0	0 0 0 0 1 0 1 0 . 0 0 1 1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 0	work Address
10.50.75.255	0 0 0 0 1 0 1 0 . 0 0 1 1 0 0 0 1 0 . 0 0 1 Bro.	adcast Address
10.50.72.1	0 0 0 0 1 0 1 0 . 0 0 1 1 0 0 1 0 . 0 0 1 1 Fir	rst Usable
10.50.75.254		st Usable
192.0.2.56	1 1 0 0 0 0 0 0 . 0 0 0 0 0 0 0 0 0 0 0	
255.255.224.0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
255.255.224.0		
102 0 0 0		
192.0.0.0		work Address
192.0.31.255	1 1 0 0 0 0 0 0 0 . 0 0 0 0 0 0 0 0 B Fro.	adcast Address
192.0.0.1		rst Usable
192.0.31.254	1 1 0 0 0 0 0 0 0 . 0 0 0 0 0 0 0 0 0 D D D D	st Usable
203.0.113.40	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	
255.255.255.248	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
203.0.113.40	1   1   0   0   1   0   1   1   .   0   0   0   0   0   0   0   0   .   0   1   1   1   0   0   0   1   .   0   0   1   0   1   <mark>0   0   0</mark> Net	work Address
203.0.113.47		adcast Address
203.0.113.41	1 1 0 0 1 0 1 1 . 0 0 0 0 0 0 0 0 0 1 1 1 . 0 0 1 0 1	rst Usable
203.0.113.46		st Usable
203.0.113.40	[1 1 0 0 1 0 1 1 . 0 0 0 0 0 0 0 . 0 1 1 1 0 0 0 1 . 0 0 1 0 1	oc osable
10 50 00 100		
10.50.90.100	0 0 0 0 1 0 1 0 . 0 0 1 1 0 0 1 0 . 0 0 1 0 .	
255.255.255.252	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
10.50.90.100		work Address
10.50.90.103	0 0 0 0 1 0 1 0 1 0 . 0 0 1 1 0 0 . Brown	adcast Address
10.50.90.101	0 0 0 0 1 0 1 0 . 0 0 1 1 0 0 1 0 0 1 Fir	rst Usable
10.50.90.102	0 0 0 0 1 0 1 0 . 0 0 1 1 0 0 1 0 . 0 1 1 0 0 1 0 . 0 1 0 1	st Usable

IP Address	Prefix Length	Subnet Mask	Network Address	Broadcast Address	Usable Address Range
192.168.12.34	/14	255.252.0.0	192.168.0.0	192.171.255.255	192.168.0.1-192.171.255.254
172.20.100.250	/20	255.255.240.0	172.20.96.0	172.20.111.255	172.20.96.1-172.20.111.254
192.168.45.78	/25	255.255.255.128	192.168.45.0	192.168.45.127	192.168.45.1-192.168.45.126
10.100.200.35	/28	255.255.255.240	10.100.200.32	10.100.200.47	10.100.200.33-10.100.200.46
172.31.199.72	/30	255.255.255.252	172.31.199.72	172.31.199.75	172.31.199.73-172.31.199.74
198.51.100.187	/8	255.0.0.0	198.0.0.0	198.255.255.255	198.0.0.1-198.255.255.254
203.0.113.250	/24	255.255.255.0	203.0.113.0	203.0.113.255	203.0.113.1-203.0.113.254
134.34.75.44	/16	255.255.0.0	134.34.0.0	134.34.255.255	134.34.0.1-134.34.255.254
192.168.100.201	/23	255.255.254.0	192.168.100.0	192.168.101.255	192.168.100.1-192.168.101.254
172.15.160.10	/21	255.255.248.0	172.15.160.0	172.15.167.255	172.15.160.1-172.15.167.254
192.168.77.188	/18	255.255.192.0	192.168.64.0	192.168.127.255	192.168.64.1-192.168.127.254
10.55.89.13	/26	255.255.255.192	10.55.89.0	10.55.89.63	10.55.89.1-10.55.89.62
172.31.9.191	/11	255.224.0.0	172.0.0.0	172.31.255.255	172.0.0.1-172.31.255.254
192.168.14.4	/17	255.255.128.0	192.168.0.0	192.168.127.255	192.168.0.1-192.168.127.254
10.175.50.60	/30	255.255.255.252	10.175.50.60	10.175.50.63	10.175.50.61-10.175.50.62
172.20.100.129	/13	255.248.0.0	172.16.0.0	172.23.255.255	172.16.0.1-172.23.255.254
198.51.100.213	/27	255.255.255.224	198.51.100.192	198.51.100.223	198.51.100.193-198.51.100.222
203.0.113.80	/25	255.255.255.128	203.0.113.0	203.0.113.127	203.0.113.1-203.0.113.126
134.33.45.5	/24	255.255.255.0	134.33.45.0	134.33.45.255	134.33.45.1-134.33.45.254
192.0.2.130	/10	255.192.0.0	192.0.0.0	192.63.255.255	192.0.0.1-192.63.255.254
10.23.90.250	/15	255.254.0.0	10.22.0.0	10.23.255.255	10.22.0.1-10.23.255.254
172.16.250.3	/28	255.255.255.240	172.16.250.0	172.16.250.15	172.16.250.1-172.16.250.14
198.51.100.15	/10	255.192.0.0	192.0.0.0	192.63.255.255	192.0.0.1-192.63.255.254
203.0.113.170	/16	255.255.0.0	203.0.0.0	203.0.255.255	203.0.0.1-203.0.255.254
134.100.10.200	/22	255.255.252.0	134.100.8.0	134.100.11.255	134.100.8.1-134.100.11.254
10.32.10.100	/19	255.255.224.0	10.32.0.0	10.32.31.255	10.32.0.1-10.32.31.254
192.168.200.1	/30	255.255.255.252	192.168.200.0	192.168.200.3	192.168.200.1-192.168.200.2
172.17.100.1	/25	255.255.255.128	172.17.100.0	172.17.100.127	172.17.100.1-172.17.100.126

50.144 192.168.50.159 192.168.50.145-192.168.50.158
0 10.60.255.255 10.60.0.1-10.60.255.254
0.16 172.18.30.23 172.18.30.17-172.18.30.22
0 192.0.3.255 192.0.0.1-192.0.3.254
88.192 134.120.88.255 134.120.88.193-134.120.88.254
0.0 172.21.91.255 172.21.90.1-172.21.91.254
90.0 192.168.90.255 192.168.90.1-192.168.90.254
.0 172.19.255.255 172.19.0.1-172.19.255.254
2.0 172.11.12.3 172.11.12.1-172.11.12.2