

SUBNETTING IN CISCO PACKET TRACER

Aim:-
Implementation of Subnetting
in Cisco Packet Tracer Simulator.

PROCEDURE:

- 1) Create the network using Routers, switches and PCs.
- 2) The IP addresses will be as follows

→ Router R1

* Gigabit Ethernet 0/0: 192.168.1.1

* Gigabit Ethernet 0/1: 192.168.2.1

Also enable the 'no' option for both
gig ethernet on the page.

→ Switch S1

→ LAN-1

PC0 IP address: 192.168.1.11

PC1 IP address: 192.168.1.12

PC2: 192.168.1.13

PC3: 192.168.1.14

Gateway: 192.168.1.1

→ Switch S2

LAN-2 IP address

PC1: 192.168.2.11

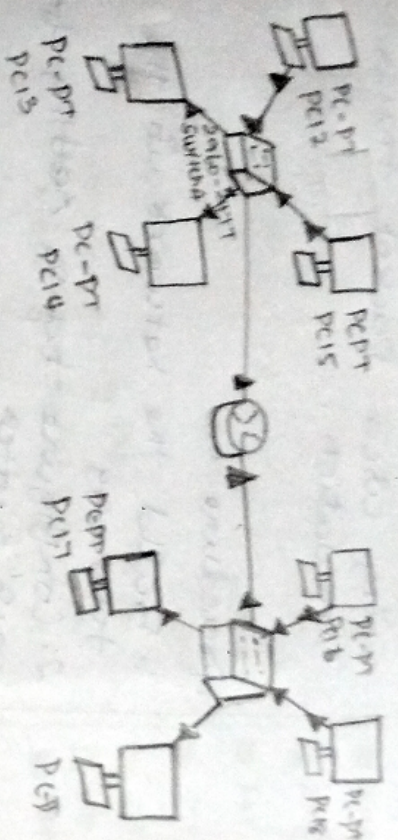
PC2: 192.168.2.12
 PC3: 192.168.2.13
 PC4: 192.168.2.14
 Gateway: 192.168.2.1

Output: 2021-10-10 10:10:10

Simulation Panel			FX
Event List	Time (sec)	Last Device	
vis	Time (sec)	Last Device	
0.000		---	
0.001		PC12	
0.002		Switch4	
0.003		Router3	
0.004		Switch5	
0.005		PC19	
0.006		Switch5	
0.007		Router3	
0.008		Switch4	
0.009		---	

File	Last Status	Source	Destination	Type	Color	Time (sec)	Index
Successfull	PC12	PC19	10M	□	0.000	N	
				Num	Edit	Del	
				0	(edit)		

Diagram 1-



8/11

RESULT:-

The implementation of Subnetting in Cisco Packet Tracer Simulator has been successfully completed.