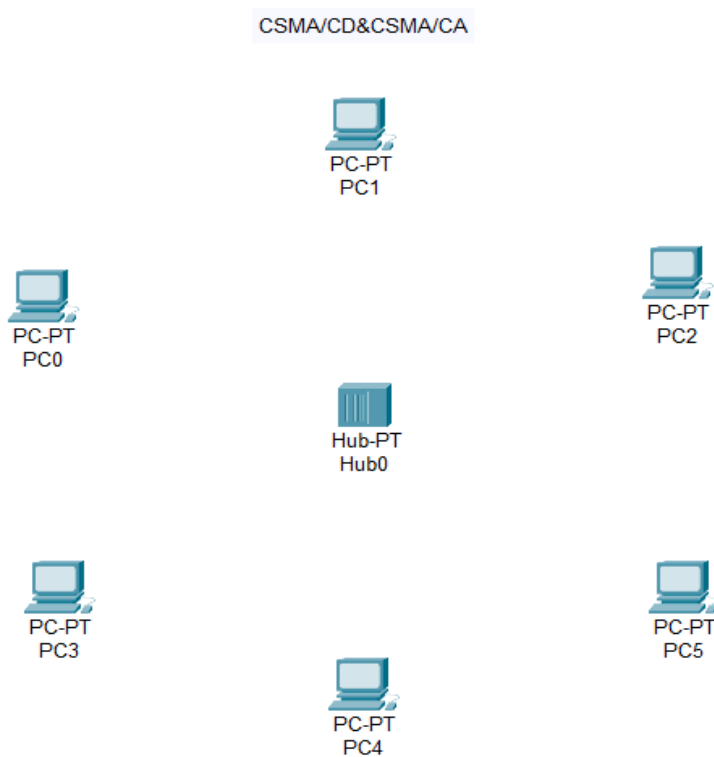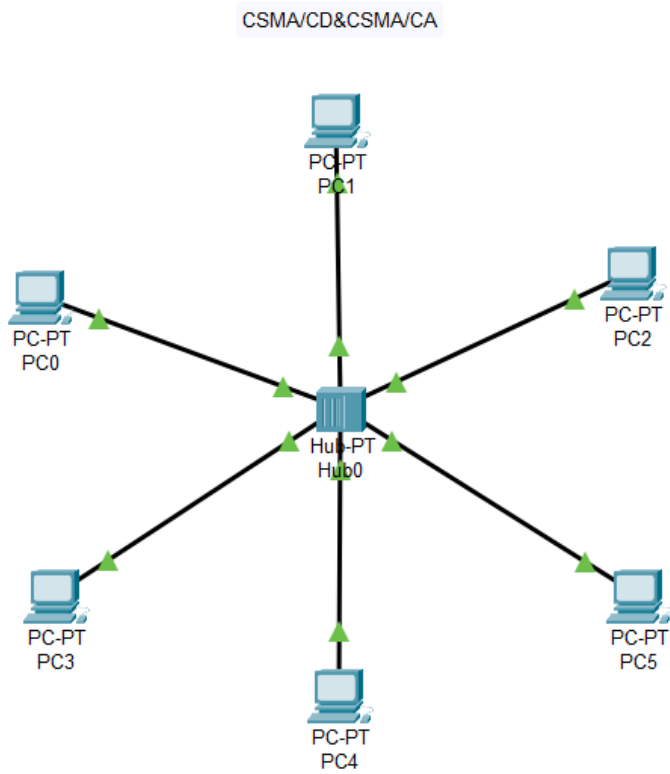# Experiment-09

Data Link Layer Traffic Simulation using Packet Tracer Analysis of CSMA/CD& CSMA/CA

Step1: 1 Hub and 6 PCs

Step2: connect fast ethernets from Hub to PCs

CSMA/CD&CSMA/CA

Step3: Assign IP address for each PCs

IP address for PC0:192.168.0.1

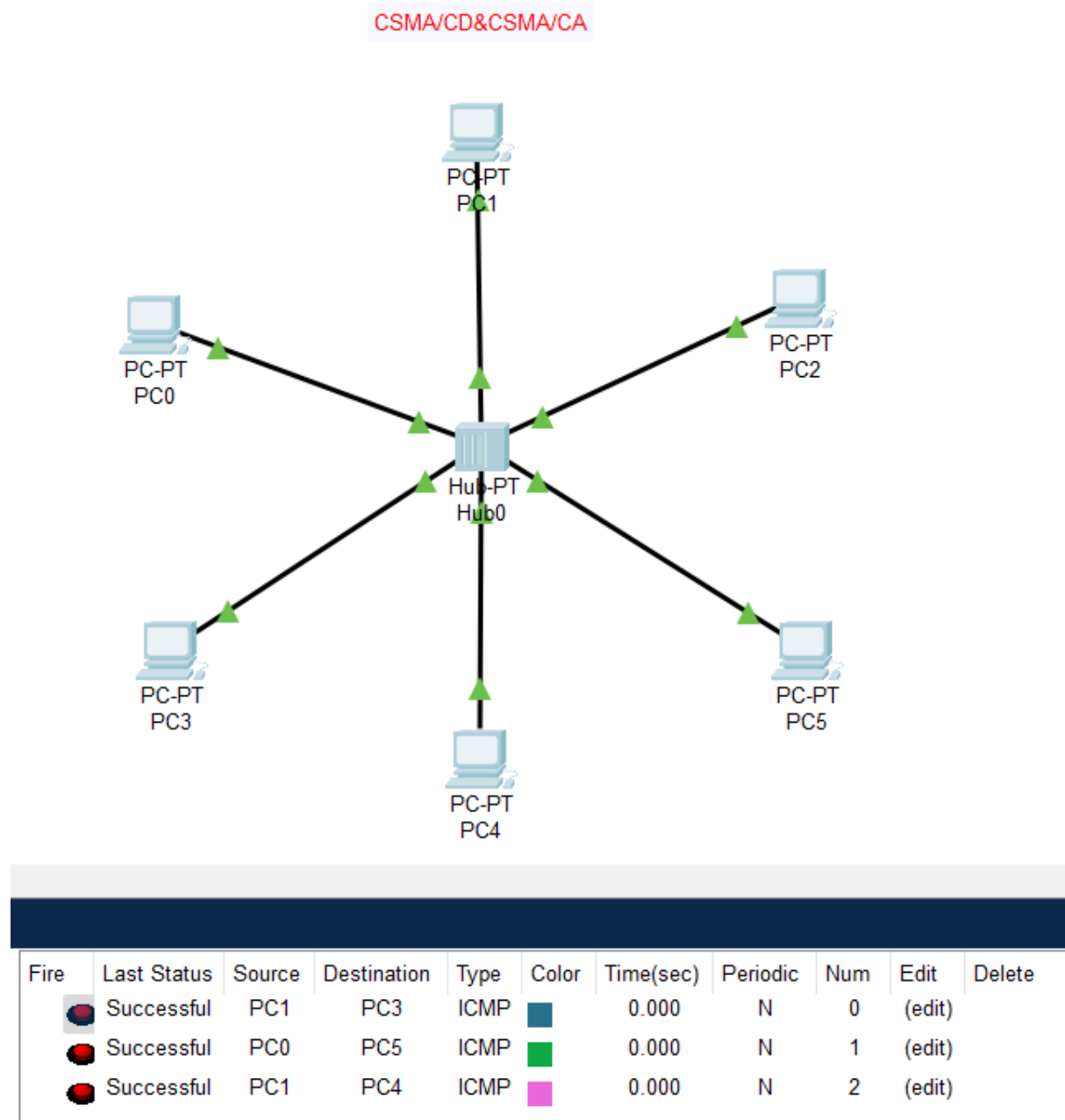IP address for PC1: 192.168.0.2

IP address for PC2: 192.168.0.3

IP address for PC3: 192.168.0.4

IP address for PC4: 192.168.0.5

IP address for PC5: 192.168.0.6

Step4: allocate the message

CSMA/CD&CSMA/CA

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC1	PC3	ICMP		0.000	N	0	(edit)	
	Successful	PC0	PC5	ICMP		0.000	N	1	(edit)	
	Successful	PC1	PC4	ICMP		0.000	N	2	(edit)	

Result: message sent successfully from PC1-PC3