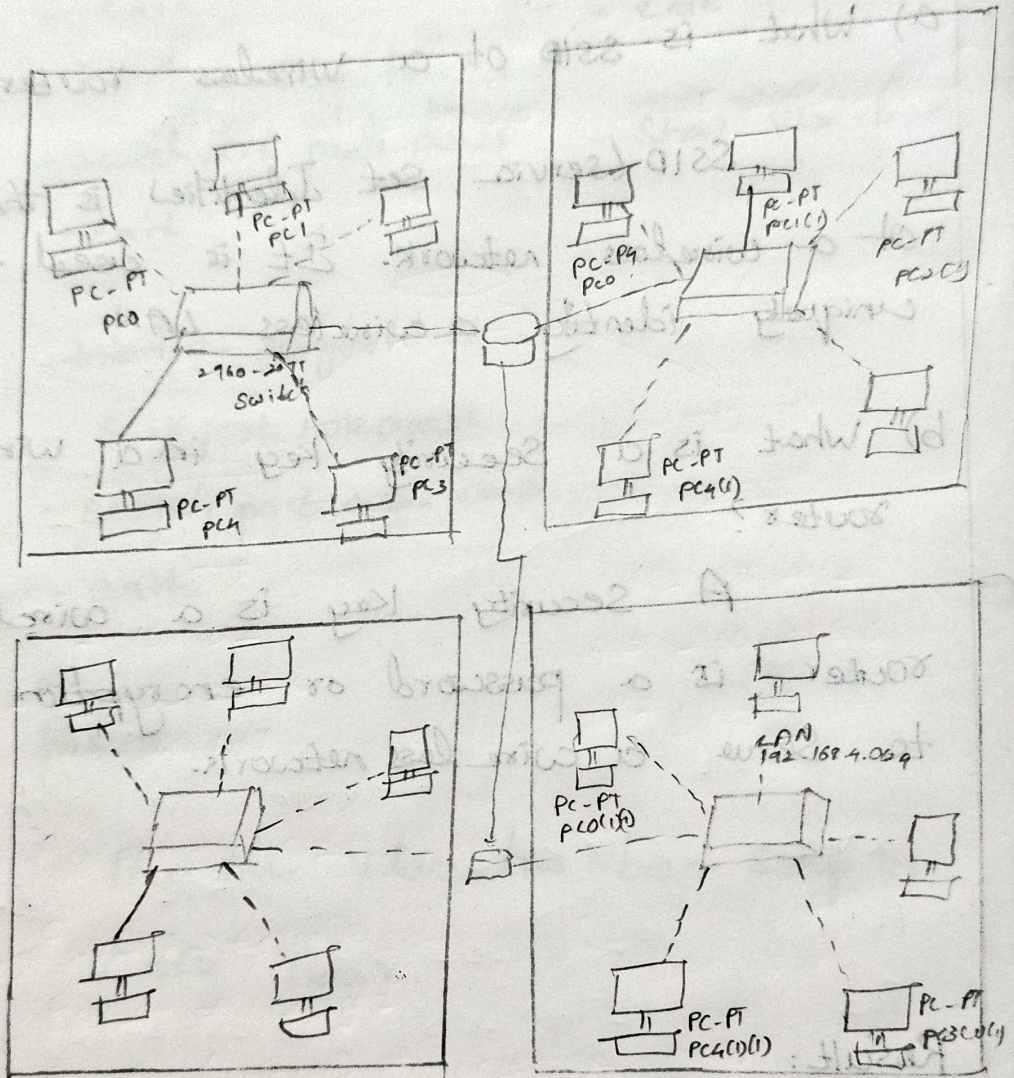# Practical - 9

Aim:

Implementation of Subnetting in Cisco Packet Tracer Simulator.

Configuring the Devices

* enable
* Configure terminal
* interface fast ethernet 0/0
* ip address
* no shutdown
* exit.

Next Switch port mode access

enable
configure terminal
a interface fast Ethernet 0/1
* Switch port Mode access
# exit

Configure one router next
configure terminal

enable
configure terminal
interface trigabit ethernet 0/0
a ip address TIPly J subnety
a now shut down
exit

Testing

Fire	Lost states	Source	Data type
8	Sucass	PC4 (2)	Routers
8	Sucass	PC1(D)(1)	PC2(1)(1)
8	Sucass	Router	Router0

Observation:

a) Write down your understanding of Subnetting.
   Process of Creating Vlans and Subnets in a
   local network

b) What is advantage?

   It helps network switching and
   network access control.