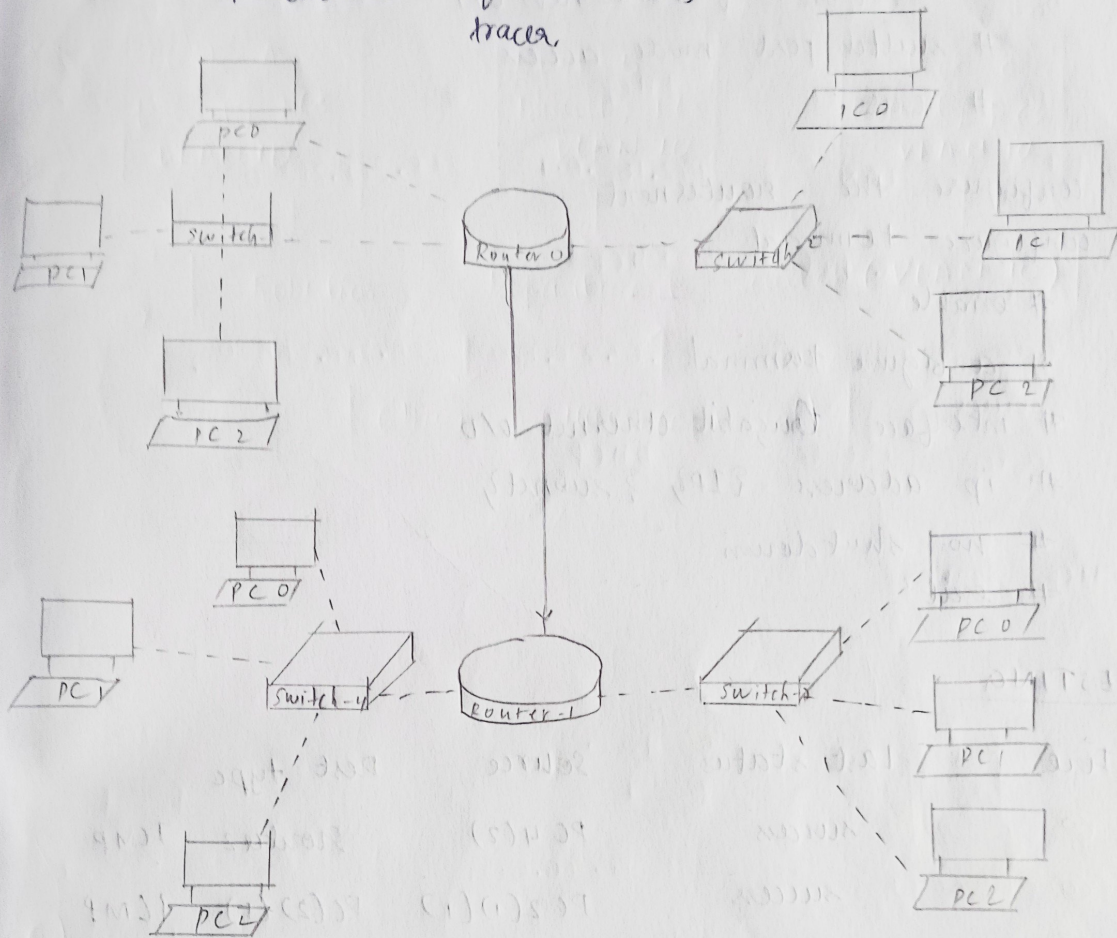


Exp: 07

Date: 30/9/24

## SUBNETTING IN CISCO PACKET TRACER

AIM: Implementation of subnetting in Cisco packet tracer.



### CONFIGURING DEVICES

- # enable
- # configure terminal
- # interface FastEthernet 0/0.
- # ip address {IP address} {subnet mask}
- # no shutdown
- # exit.



next switch port mode access  
 # enable  
 # configure terminal  
 # interface fast ethernet 0/1  
 # switch port mode access  
 # exit

configure the router next  
 configure terminal

# enable  
 # configure terminal  
 # interface Gigabit ethernet 0/0  
 # ip address {IP} {subnet}  
 # no shutdown  
 # exit

### TESTING

File	Last status	Source	Dest	Type
○	success	PC 4(2)	Router 2	ICMP
○	success	PC 2(1)(1)	PC(2)(1)	ICMP
○	success	router	Router 0	ICMP

### OBSERVATION:

- Write down your understanding of subnetting  
 Process of creating VLANs and subnets in a local network
- What is advantage?  
 It helps network security and network access control.

