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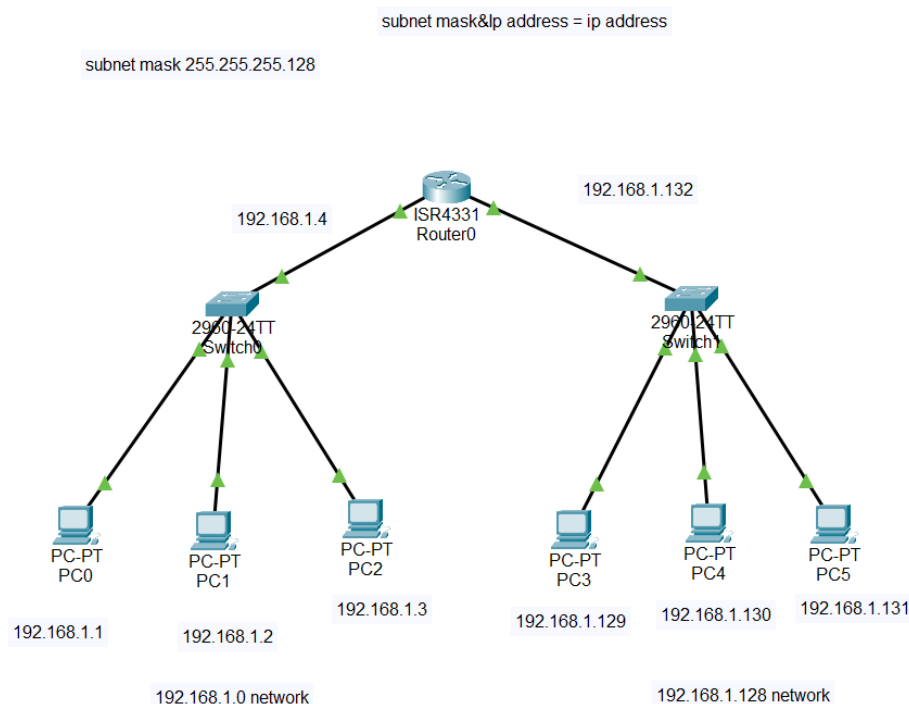
Course code and name : 2CS502 CN

Date : 25/11/2022

Lab : 8

Aim : Implement echo client server using TCP/UDP sockets

Circuit :



→ first configure circuit in cisco packet tracer.

→ assign Ip address to each computer.

→ 192.168.1.0 to 192.168.1.127 → subnet 1

192.168.1.0 → network ip address

192.168.1.127 → broadcast ip address

126 → end points you configure

→ 192.168.1.128 to 192.168.1.255 → subnet 2

192.168.1.128 → network ip address

192.168.1.255 → broadcast ip address

Physical Config **Desktop** Programming Attributes

IP Configuration [X]

Interface: FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address: 192.168.1.1

Subnet Mask: 255.255.255.128

Default Gateway: 192.168.1.4

DNS Server: 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address: /

Link Local Address: FE80::290:2BFF:FEA9:5192

Default Gateway:

DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MD5

→ subnet mask → 255.255.255.128

11111111.11111111.11111111.10000000 & IP address = IP Address

Realtime Simulation										
Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Failed	PC2	PC3	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC3	PC2	ICMP		0.000	N	1	(edit)	(delete)

Conclusion : After Perform This Practical I able to Simulate and configuration subnetting using CISCO Packet Tracer Simulation.