

I N D E X

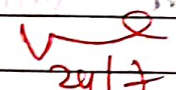
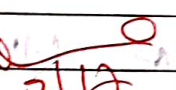
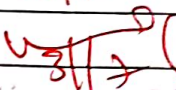
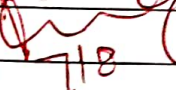
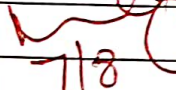
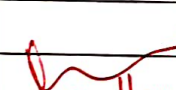
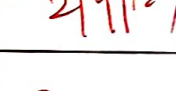

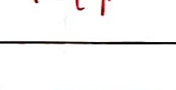



Harish Ragavendar.S.

220701087

Computer
Network Observatio

NAME: _____ STD.: _____ SEC.: _____ ROLL NO.: _____

SUB.: _____

S. No.	Date	Title	Page No.	Teacher's Sign / Remarks
1.	13/7/2024	Basic Networking Commands.	1-8	 24/7/24
2.	24/7/2024	Study of different types of network cables.	9-12	 3/8/24
3.	31/7/2024	Study of Packet tracer tool & its user interface	13-14	 3/8/24
4.	05/8/2024	Setup and configuration of LAN network using cable.(100M)	15-17	 7/8/24
5.	05/8/2024	Packet tracer tool : Wireshark	18	 7/8/24
6.	21.8.2024	Implement error detection and correction using Hamming code & Code Comp	19-24	 21/8/24
7.	02.09.2024	Sliding Window Protocol.	25-28	 18/9/24
8a.	9.10.2024	Virtual LAN		
8b.	16.10.2024	Wireless LAN		
9.	18.10.2024	Subnetting in Cisco Packet Tracer		
10.	30.10.2024	Internetworking with router in Cisco		
11.	2.11.2024	Simulate static Routing		

Exp No : 9

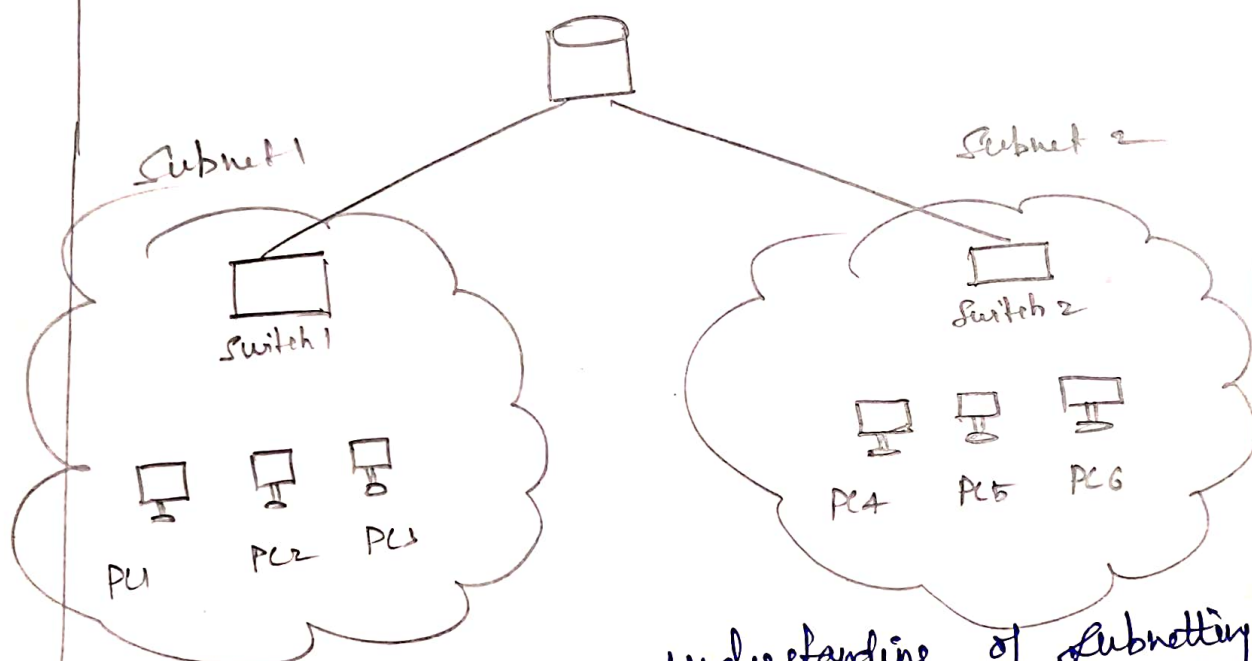
Date :

Subnetting in Cisco.

Packet Tracer.

Aim: Implementation of Subnetting in Cisco packet tracer simulation.

a). Draw your implementation of Subnetting.



b). Write down your understanding of Subnetting

classless IP subnetting is a technique that allows for more efficient use of IP address by allowing for subnet masks that are not just the default masks for each IP class. This means that we can divide our IP address space into smaller subnets.

Q). What is the advantage of implementation within a network?

Subnetting is useful when we have a limited number of IP addresses but to create multiple networks. This also enhances security.

Result:

Thus, Subnetting has been implemented in CISCO packet tracer and O/P is verified.

✓