

Exp No: 9

Date: 25/7/24

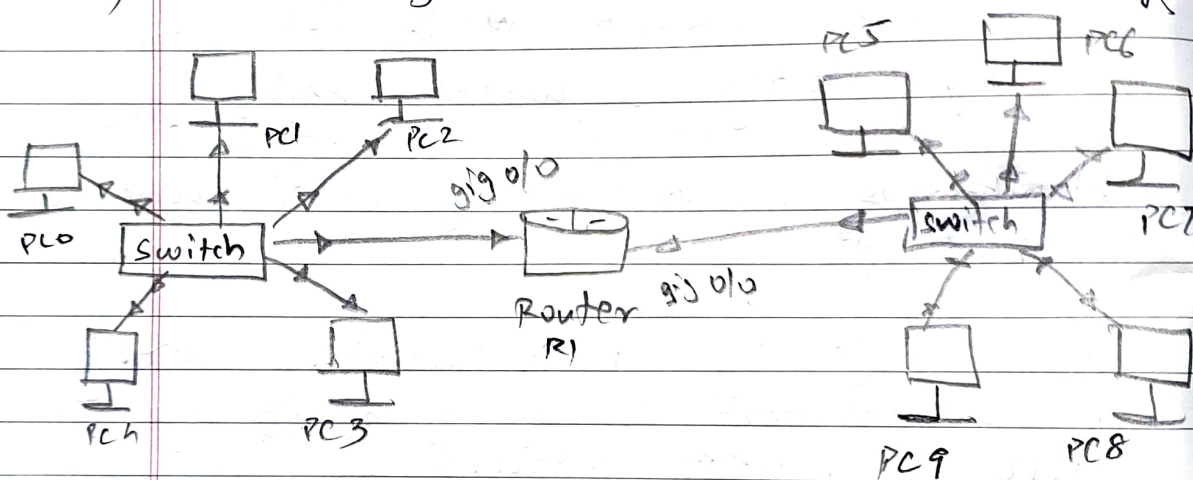
Subnetting in Cisco Packet Tracer

Aim:

Implementation of subnetting in Cisco Packet Tracer.

Student Observation Questions

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 addresses by allowing for subnet masks that are not just the default masks for each IP class, but need to create multiple networks.

c) what is The advantage of implementation within a network?

Subnetting is useful when or how a limited number of IP address but need to create multiple networks. This also enhance security.

Result:

Thus subnetting has been implemented in Cisco packet tracer & The output is verified.