

Ex: No: 9
16/10/24

IMPLEMENTATION OF SUBNETTING IN CISCO PACKET TRACER SIMULATOR

AIM:

To implement a domain IP subnetting technique using CISCO packet tracer simulator.

Steps:

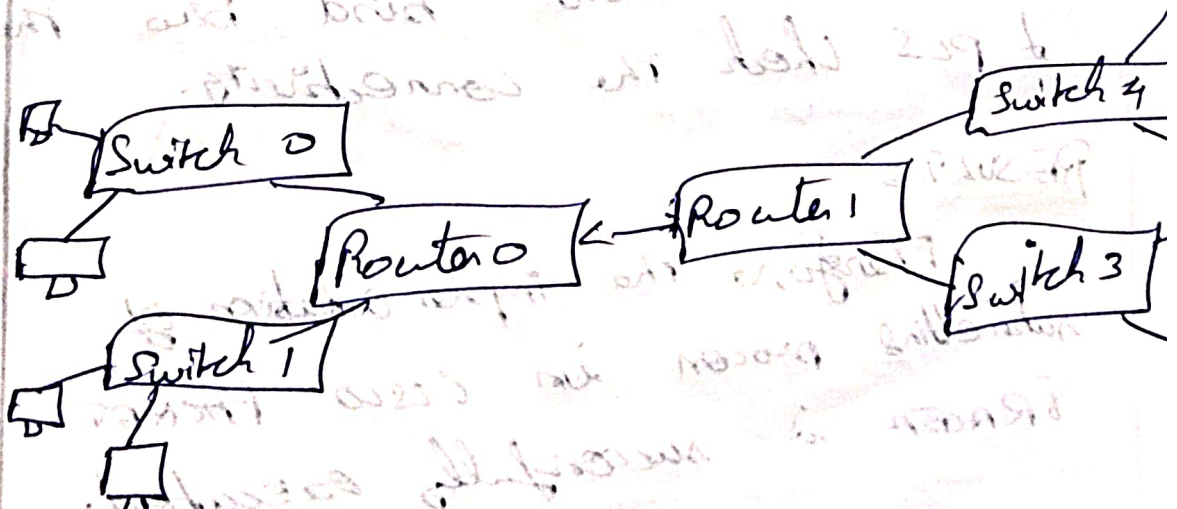
(1) Creating network topology;

Create a blank topology click 'new' button & then select 'Network' and 'generals'.

Subnetting:

To subnet the network address of 192.1.0.124 to provide enough space for 15 addresses & end device. The switches and the router we can use a 122 subnet mask.

This will give use of subnets with 10 host address each.



through connecting with the device

(4) Config the device

(5) Test the network

After command prompt is out
of a shell to the other if PIN is
shown for the Network configuration

and config

With the help of the shell as
shown in the following
commands.

Config

Config

Interface Fast Ethernet 0/1
Switch port mode access
Exit

These commands will be used to get
in access mode on two ports connected
the PC & then config the PC.
We can also check the status
of the link the connectivity.

Result

Therefore the implementation of
networking process in Cisco Packet
Tracer is successfully completed.