

VIT-AP UNIVERSITY, ANDHRA PRADESH

Lab Sheet 11-Design and configure a network using RIP Routing protocol

Academic year: 2020-2021

Branch/ Class: B.Tech/M.Tech

Semester: Winter

Date: 10/5/2021

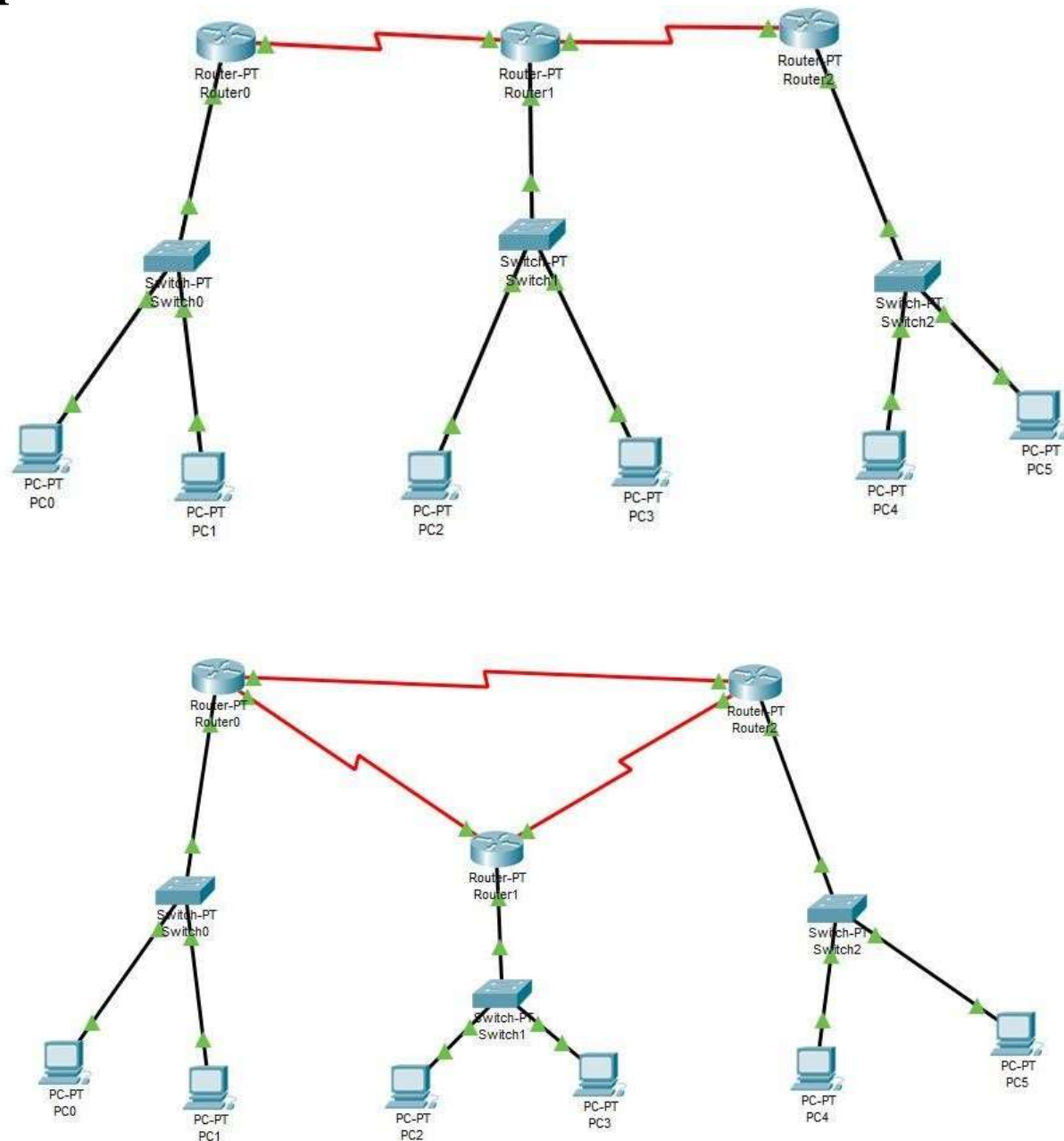
Faculty Name: Dr.HUSSAIN SYED

School: SCOPE

Student name: Hariprasad K K

Reg. no.: 19BCE7079

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Objectives:

1. Design a network using three routers and switches with two PCs each.
2. Configure all the routers with RIP routing.
3. Verify the connectivity.

Addressing Table:

Device	Interface	IP Address	Subnet Mask
PC1	NIC	192.168.1.5	255.255.255.0
PC2	NIC	192.168.1.6	255.255.255.0
PC3	NIC	192.168.2.5	255.255.255.0
PC4	NIC	192.168.2.6	255.255.255.0
PC5	NIC	192.168.3.5	255.255.255.0
PC6	NIC	192.168.3.6	255.255.255.0
Router 1 fa0/1	NIC	192.168.1.1	255.255.255.0
Router 1 Serial 2/0	INC	10.0.0.1	255.0.0.0
Router 2 Serial 2/0		10.0.0.2	255.0.0.0
Router 2 Serial 3/0		20.0.0.1	255.0.0.0
Router 2 fa0/1		192.168.2.1	255.255.255.0
Router 3 fa 0/1		192.168.3.1	255.255.255.0
Router 3 Serial 2/0		20.0.0.2	255.0.0.0

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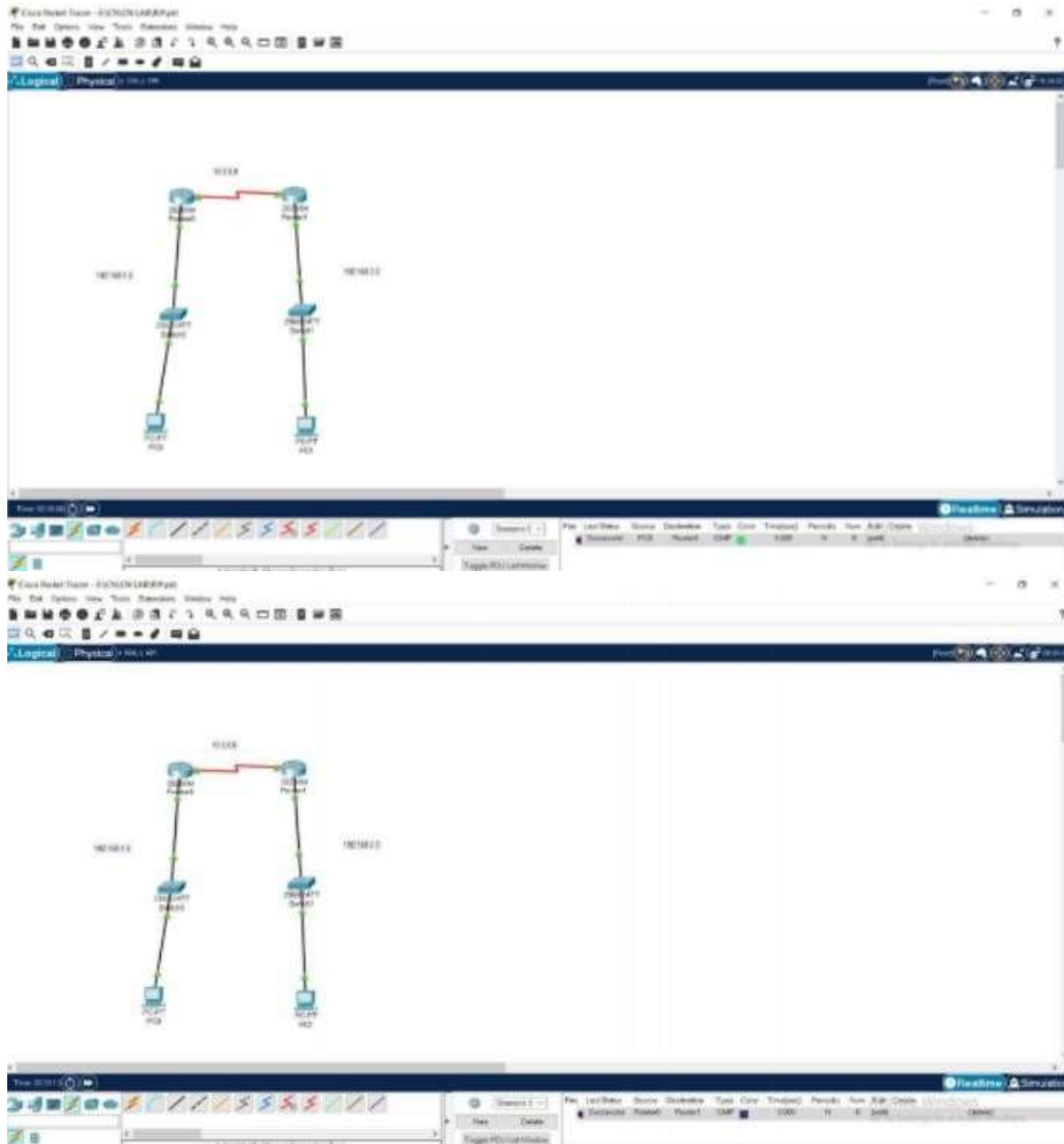
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