

# VIT-AP UNIVERSITY, ANDHRA PRADESH

## Lab Sheet 4b: Understanding Working of a Switched Ethernet using CISCO packet tracer.

Academic year: 2020-2021

Semester: Winter

Faculty Name: Dr.HUSSAIN SYED

Student name: Hariprasad KK

Branch/ Class: B.Tech/M.Tech

Date: 27/02/2021

School: SCOPE

Reg. no.: 19BCE7079

### AIM:

To Understand Working of a Switched Ethernet using CISCO packet tracer.

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### Observation: Min of 6-7 points of observation

- 1) For creating a network we used 4 pc and 2 switches.
- 2) For connecting the pc with the switch we used copper straight through cable as they are two different devices and to connect switch1 with switch 2 we used copper crossover cable.
- 3) Add ip address to all pc's with unique ip address and set configuration with switches.
- 4) Configure the switches by following commands  
en, config t, hostname \*\*, interface vlan \*\*, ip address \*\*, no shut
- 5) now the network is established to check send a package from pc2 to pc0
- 6) now run the simulation to see the results.

### Snapshot: Practice exercise snapshot from CPT.

Setting pc ip:

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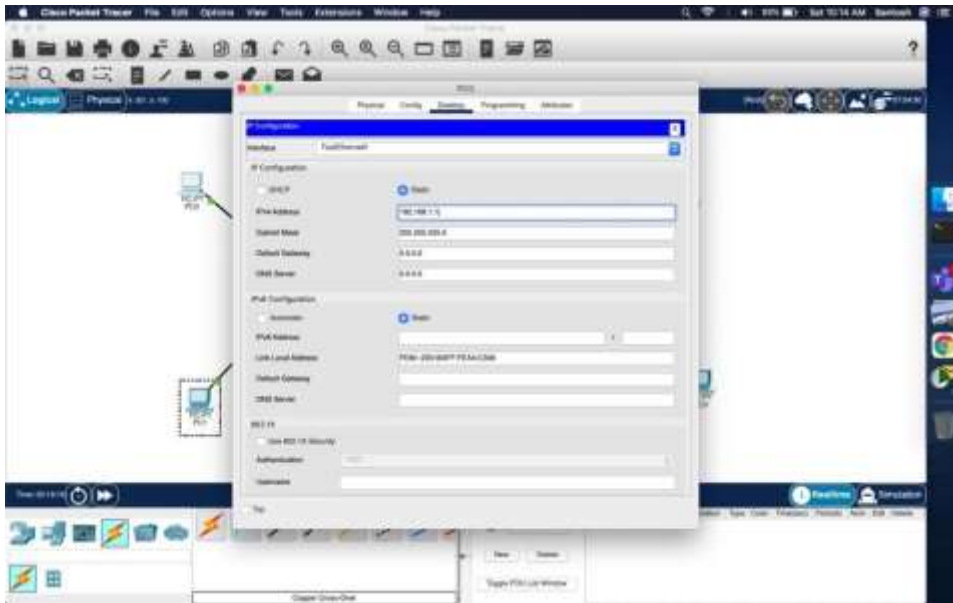
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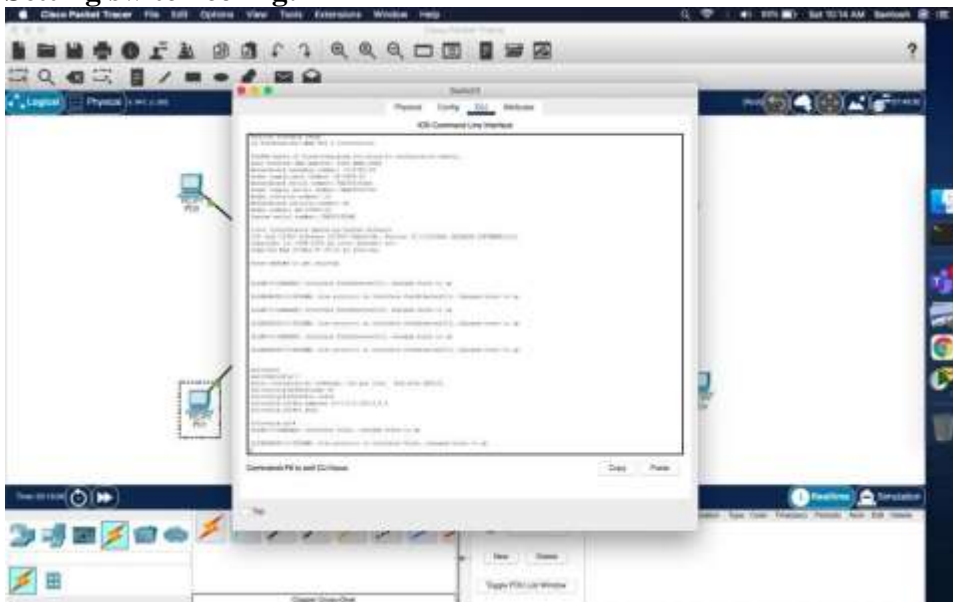
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### Setting switch config:



### Enabling configurations:

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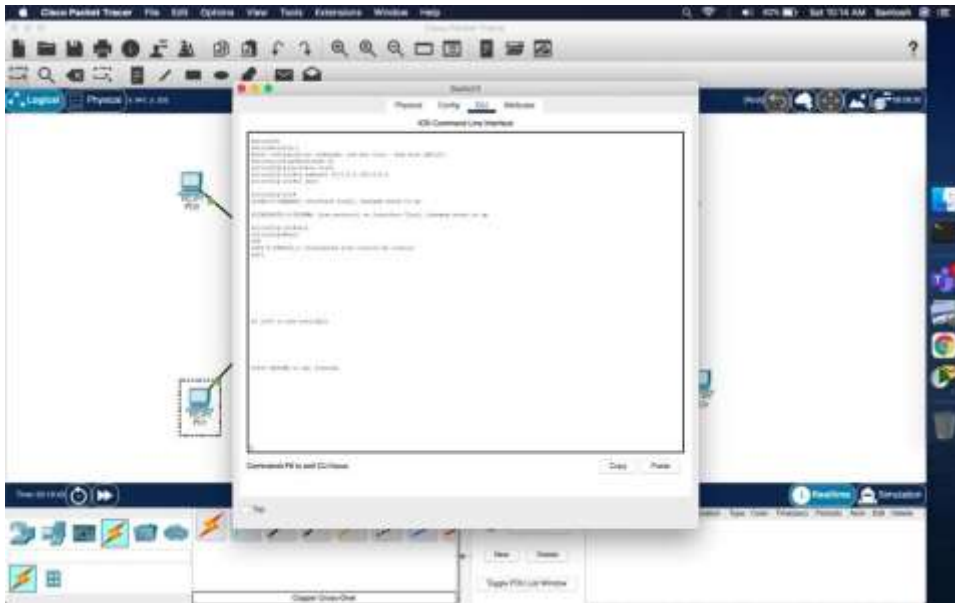
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### Sending of package:

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC2	PC0	IC...		0.000	N	0	(...)	(delete)

### Simulation:

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