

Semester 5th | Practical Assignment | Computer Networks (2101CS501)

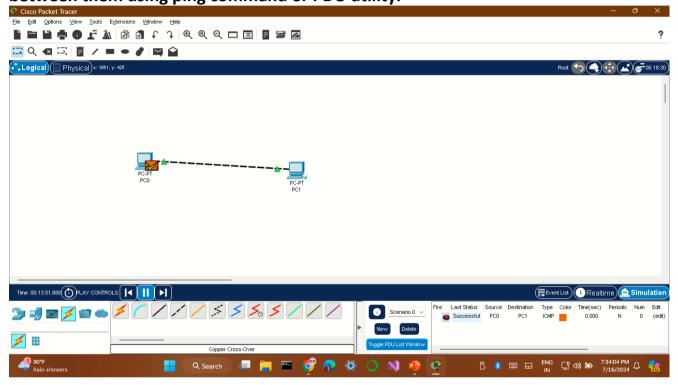
Date: 20/07/2024

Lab Practical #04:

Installation of Network Simulator (Packet Tracer) and Implement different LAN topologies.

Practical Assignment #04:

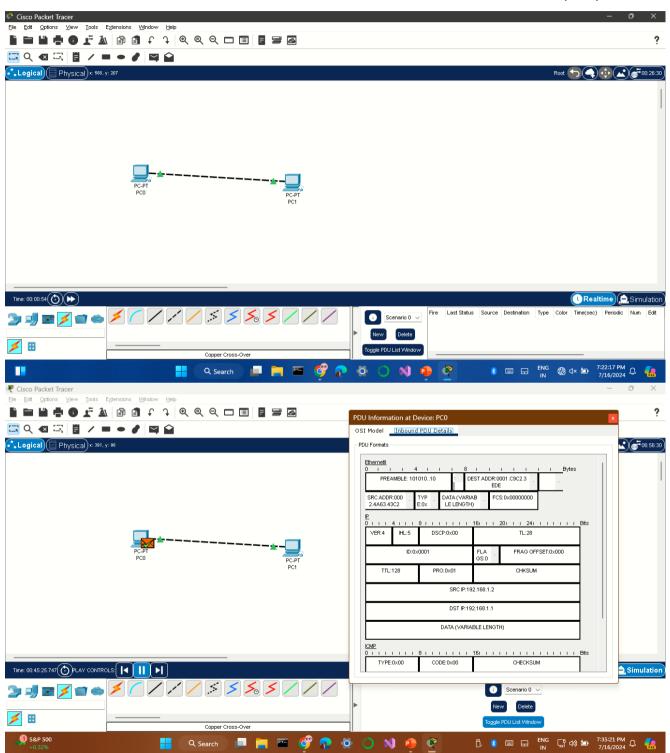
1. Create a simple network with switch and two or more pc. Also check connectivity between them using ping command or PDU utility.





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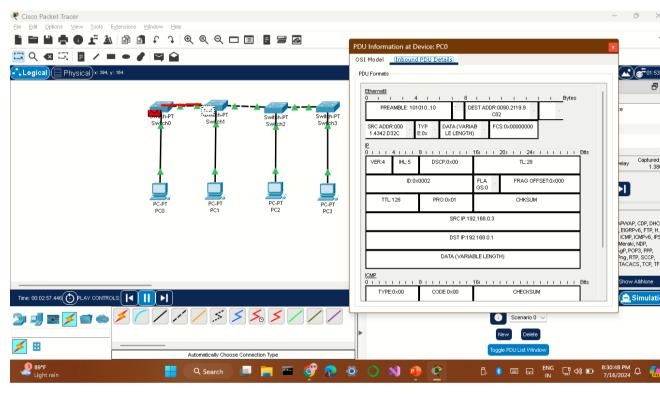
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- 2. Implement different topologies in packet tracer.
 - a. Bus



b. Ring



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Date: 20/07/2024 File Edit Options View Tools Extensions Window Help Logical Physical x: 203, y: 243 Root 🗢 🗬 💠 🛣 🐨 01:35:30 Time: 00:03:07(5)(>>> Realtime 🚊 Simulation Scenario 0 ∨ New Delete Automatically Choose Connection Type PDU Information at Device: Switch1 Root (5) (2) (5) (5):52:30 Logical Physical x: 587, y: 325 - PDI I Formate Ethernet 802.3 PREAMBLE: 101010..10 DEST ADDR:0180.C200.0 000 LEN:3 DATA (VARIABLE LENGTH) DATA (VARIABLE LENGTH) DSAP:0x42 SSAP:0x42 CONTROL BYTE:3 STP BPDU <u>0 1 2 | 4 5 6 7 8 | | | | | | | 16 | | | | | | 24 | | | | | | Bits</u> VERSION:0 MESSAGE TYPE:0 ROOT ID:32769 / 0003.E4B6.188C ROOT PATH COST:0 Time: 00:06:55.088 DLAY CONTROLS: 4 D Event List Realtime Simulation Scenario 0 ∨ 🤰 🗐 🚟 🗲 📹 👄 🗲 / :> > > > / / / /

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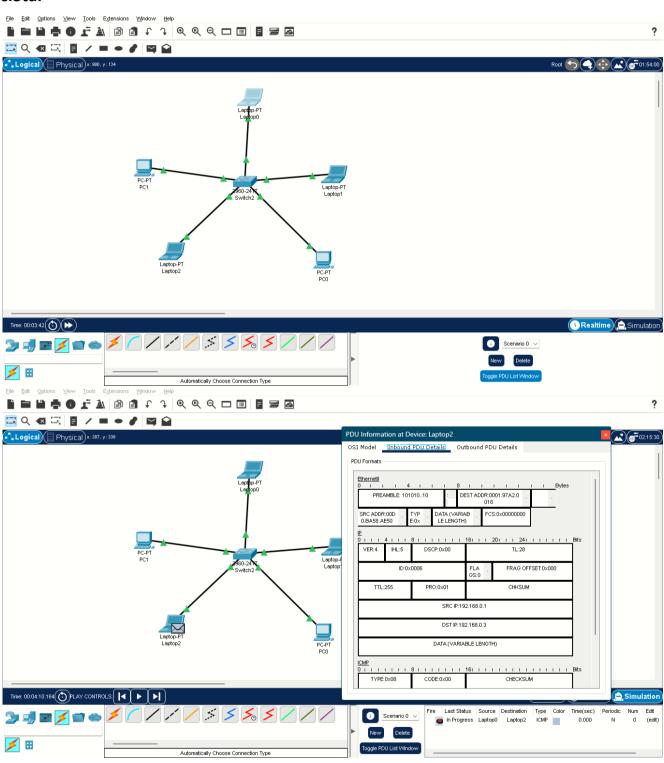
Automatically Choose Connection Type



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c.Star

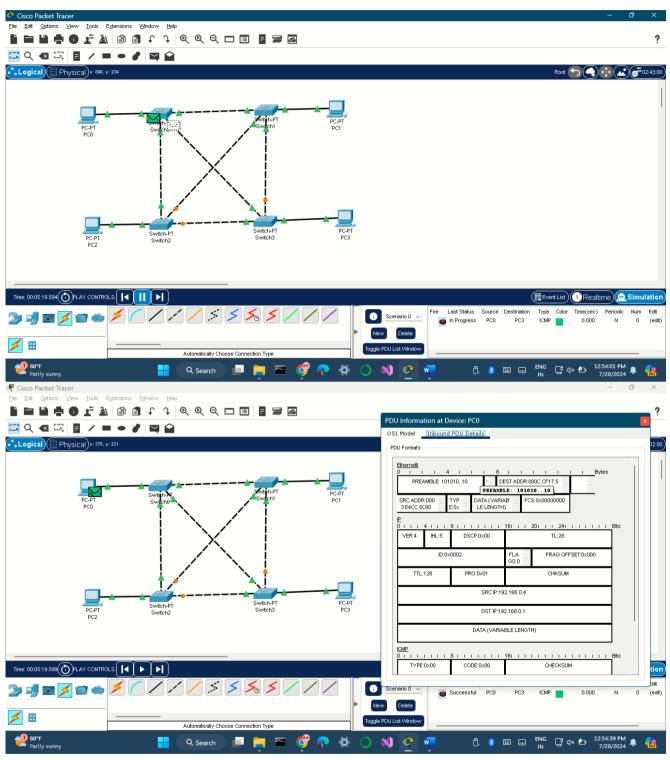


d.Mesh



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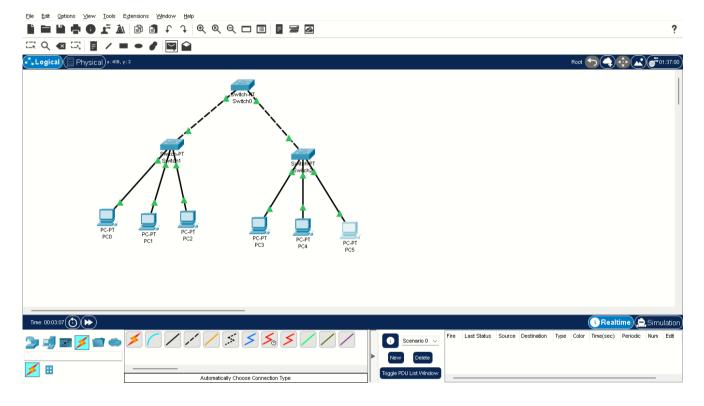




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e.Tree





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