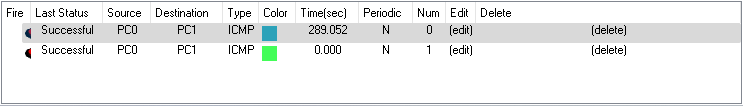
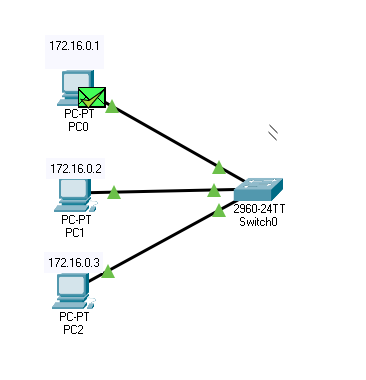
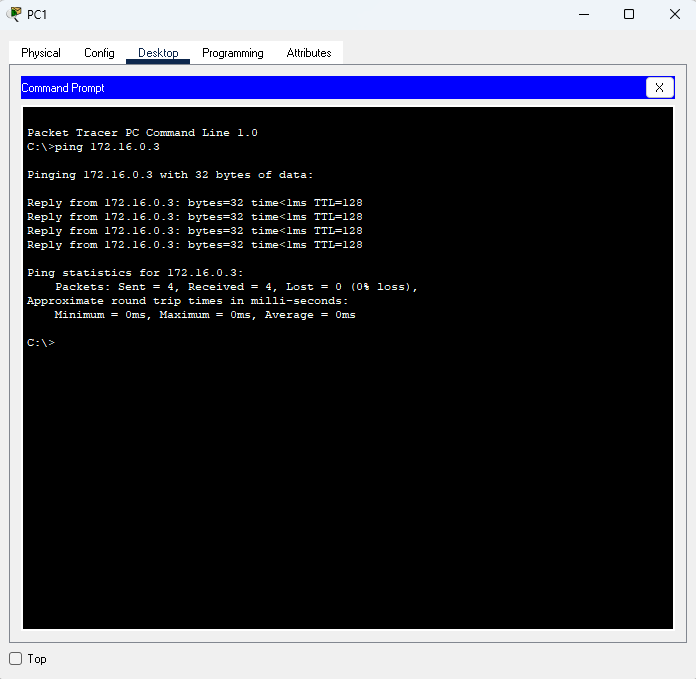
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| C:\Users\logon\Desktop\download.jfif | DEPARTMENT OF COMPUTER ENGINEERING |

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| **Subject: DATA COMMUNICATION AND COMPUTER NETWORKING** | **Subject Code:22414** |
| **Semester:4th Semester** | **Course: Computer Engineering** |
| **Laboratory No: L004C** | **Name of Subject Teacher: PRAGATI MALI** |
| **Name of Student: ADITYA G. MAKWANA** | **Roll Id: 22203A0042** |

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| **Experiment No:** | **1** |
| **AIM of Experiment** | **TO UNDERSTAND THE CONCEPT OF COMPUTER NETWORK AND IP ADDRESS** |

**PROCEDURE**

1. Open Cisco Packet Tracer on your computer.
2. Create a New Network Topology
3. Drag and drop devices from the left panel onto the workspace. For this example, add three computers.
4. Connect the devices using appropriate cables. Use the "Connection" tool from the left panel to draw connections between devices.
5. Ping between devices to test connectivity. On a computer's command prompt, use the ping command to ping another device.
6. Add More Complexity
7. Implement Subnets and VLANs
8. Use the "Simulation" mode in Cisco Packet Tracer to monitor traffic flow.
9. Observe how routers forward packets between different subnets.
10. Once you've completed your configuration and testing, save your project to refer back to it later.

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