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Lab Report 6: Connecting Switch to 2 PCs Communication

# Objectives:

* Understand how to connect two PCs to a switch.
* Learnt how to assign Ip addresses
* Familiarize with successful signals sending from one node to another

# Learning:

## Connection:

Firstly, Place the switch and two PCs in the Cisco Packet Tracer workspace. Use straight-through cables to connect each PC to the switch.

## IP addresses:

Assign IP addresses from the same subnet to ensure communication. Example: PC1: 192.168.1.1, PC2: 192.168.1.2, Subnet Mask: 255.255.255.0.

## Test Communication:

Use the ping command to test connectivity between PC1 and PC2. Ensure both PCs can successfully ping each other, confirming proper configuration and connection. Simulation is also available to see signals being sent and received.