

Problem Statement 1- There is an organization A with multiple departments. Design a n/w for the HR department is 10 users.

Objective- ~~To design a n/w for the HR~~ To understand a LAN n/w. To design a n/w for HR department

Steps- Steps for creating N/w for HR department.

- 1) Take a switch of type 2960-24TT
Name it HR Department.
- 2) Take 10 PCs and connect all of the Ethernet to switch.
- 3) Give an ip address to each PC using IP configuration.
- 4) Then using PDU icon to show communication b/w user 1 user 5.

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The image shows a Packet Tracer PC Command Line window for a PC named PC0. The window has tabs for Physical, Config, Desktop, Programming, and Attributes, with Desktop selected. The Command Prompt shows the execution of the command 'C:\>ping 192.168.1.5'. The output indicates a successful ping with 4 packets sent, 4 received, and 0% loss. The round trip times are: Minimum = 0ms, Maximum = 24ms, Average = 6ms.

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Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.5

Pinging 192.168.1.5 with 32 bytes of data:
Reply from 192.168.1.5: bytes=32 time=24ms TTL=128
Reply from 192.168.1.5: bytes=32 time<1ms TTL=128
Reply from 192.168.1.5: bytes=32 time<1ms TTL=128
Reply from 192.168.1.5: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 24ms, Average = 6ms

C:\>
```