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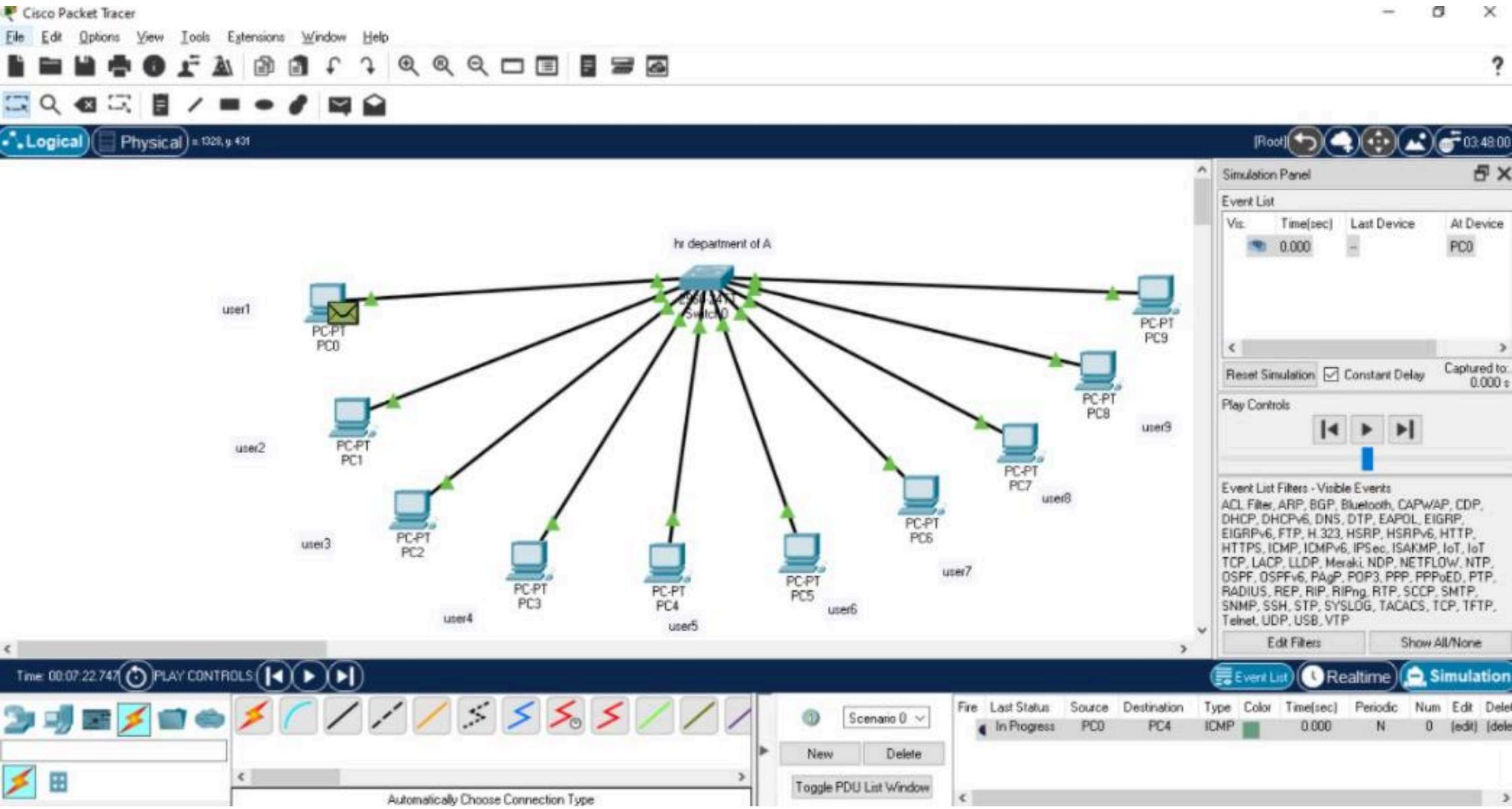
A0-1

Problem statement :- There is an organization A with multiple departments. Design a network for the HR department and the size of the department is 10 user Also. show the communication b/w user number 1 & user number 5 of the Network

Objective - establish the network b/w 10 user and communicate the network b/w user no 1 and user no. 5

Description - step

step1 - Take switch as a HR department
step2 - now take 10 computer as a 10 user
step3 - Assign different IP address to all the user
step4 - Now use cross cable & connect to each ~~other~~ user to the hub.
step5 - Now Network are eastablish.
step6 - To check the communication b/w user 1 & user 5 we use Ring command.


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical
hr department of A
user1
PC-PT PC0
user2
PC-PT PC1
user3
PC-PT PC2
user4
PC-PT PC3
PC-PT PC4
user5
PC-PT PC5
user6
PC-PT PC6
user7
PC-PT PC7
user8
PC-PT PC8
user9
PC-PT PC9
Simulation Panel
Event List
Vis. Time(sec) Last Device At Device
0.000 PC0
Reset Simulation Constant Delay
Play Controls
Event List Filters - Visible Events
ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPSec, ISAKMP, IoT, IoT TCP, LACP, LLDP, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoED, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP
Edit Filters Show All/None
Time: 00:07:22.747 PLAY CONTROLS
Event List Realtime Simulation
Scenario 0
New Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
In Progress PC0 PC4 ICMP 0.000 N 0 (edit) (delete)
Automatically Choose Connection Type

PC0

Physical Config Desktop Programming Attributes

Command Prompt

```
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:\>
```