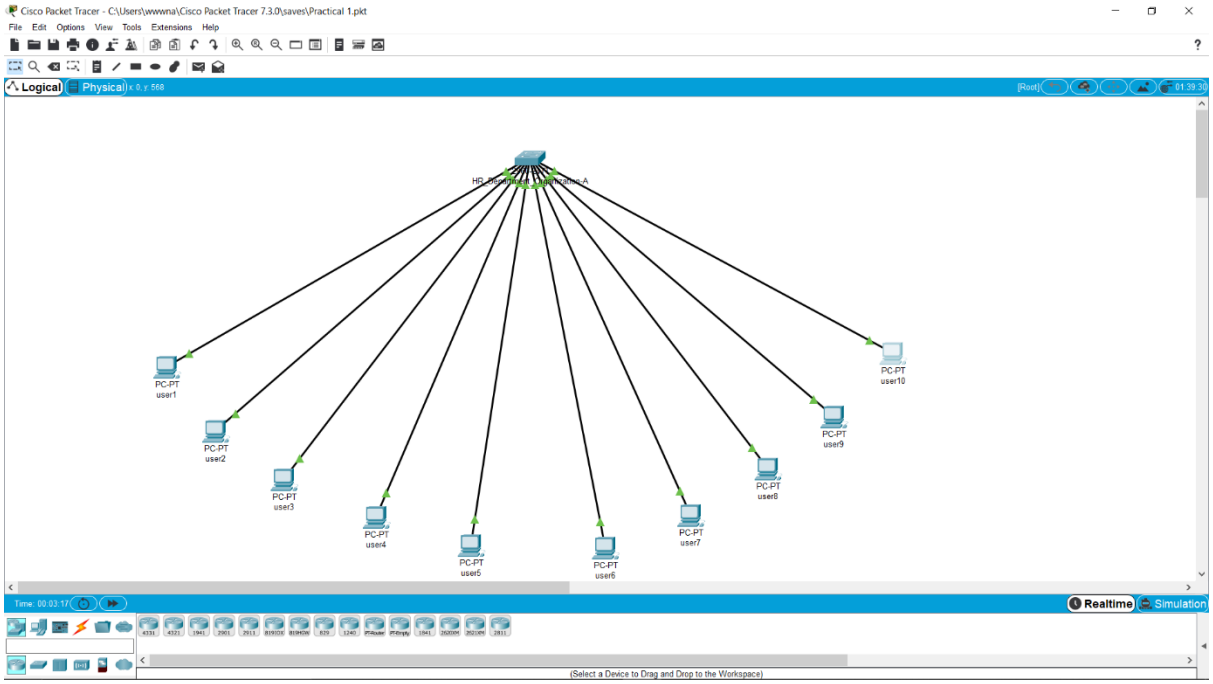
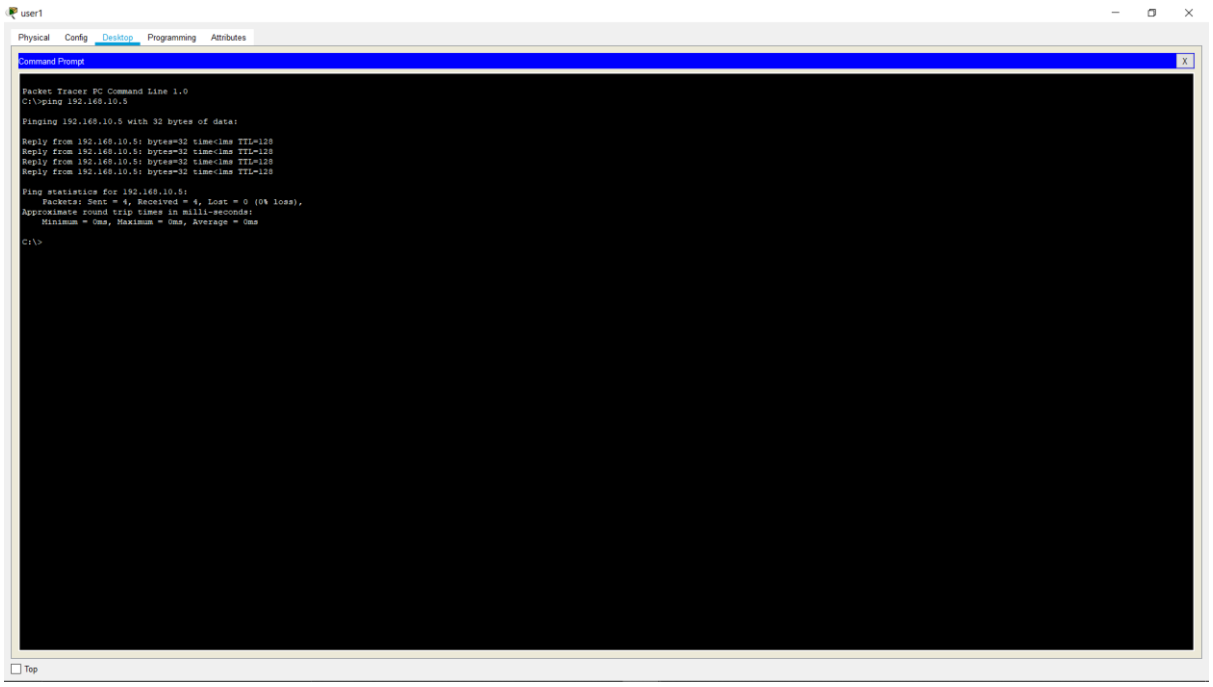
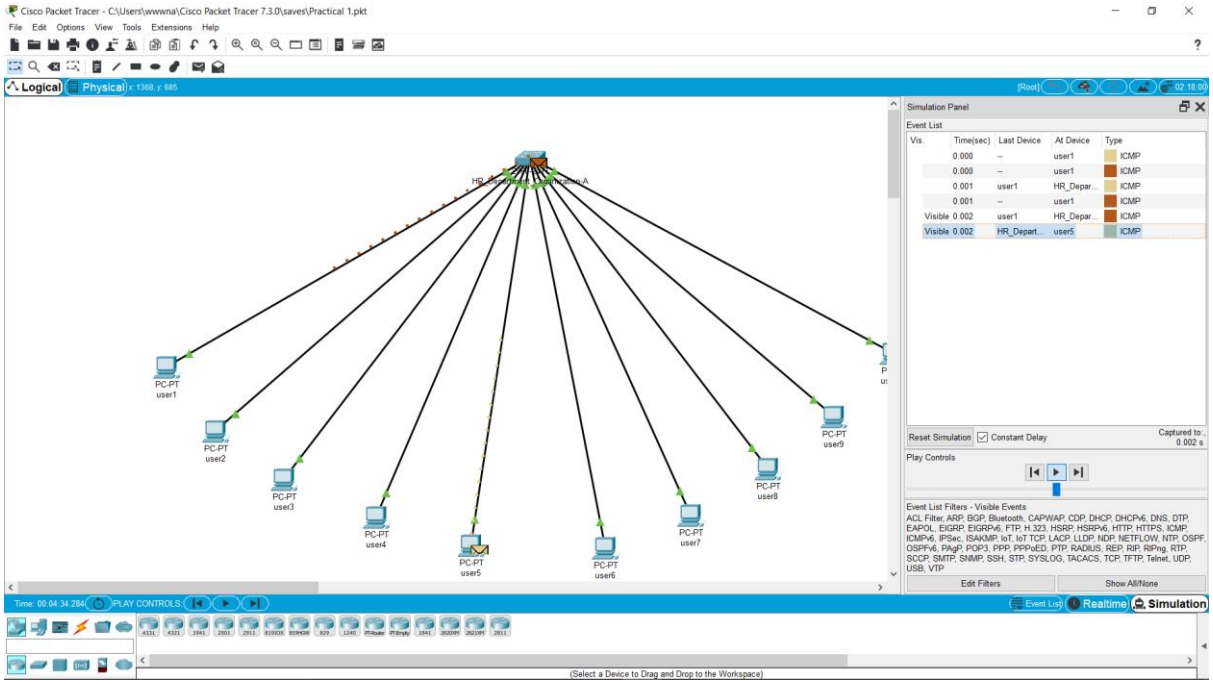
Q1:


Cisco Packet Tracer - C:\Users\wwwna\Cisco Packet Tracer 7.3.0\saves\Practical 1.pkt
File Edit Options View Tools Extensions Help
Logical
Physical
PC-PT user1
PC-PT user2
PC-PT user3
PC-PT user4
PC-PT user5
PC-PT user6
PC-PT user7
PC-PT user8
PC-PT user9
PC-PT user10
Realtime
Simulation
(Select a Device to Drag and Drop to the Workspace)


user1
Physical
Config
Desktop
Programming
Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.5
Pinging 192.168.10.5 with 32 bytes of data:
Reply from 192.168.10.5: bytes=32 time<1ms TTL=128
Reply from 192.168.10.5: bytes=32 time<1ms TTL=128
Reply from 192.168.10.5: bytes=32 time<1ms TTL=128
Reply from 192.168.10.5: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.10.5:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
Top


Cisco Packet Tracer - C:\Users\wwwna\Cisco Packet Tracer 7.3.0\saves\Practical 1.pkt
File Edit Options View Tools Extensions Help
Logical
Physical
Simulation Panel
Event List
Vis. Time(sec) Last Device At Device Type
0.000 -- user1 ICMP
0.000 -- user1 ICMP
0.001 user1 HR_Depar... ICMP
0.001 -- user1 ICMP
Visible 0.002 user1 HR_Depar... ICMP
Visible 0.002 HR_Depart... user5 ICMP
Reset Simulation
Constant Delay
Captured to: 0.002 s
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, 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
PC-PT user1
PC-PT user2
PC-PT user3
PC-PT user4
PC-PT user5
PC-PT user6
PC-PT user7
PC-PT user8
PC-PT user9
Time: 00:04:34.284
PLAY CONTROLS:
Event List
Realtime
Simulation
(Select a Device to Drag and Drop to the Workspace)

STEPS:

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Q1→ Steps:

Problem statement: Perform connecting 10 users of an organisation.

Objective: To understand how to setup multiuser communication in a network.

Description:

Steps ↓

1- Open software packet tracer.
2- Click end device icon (lower left corner) or press CTRL+ALT+V
3- Drag icon general (Personal computer) and drop to worksheet.
4- Drag and drop 10 PCs.
5- Drag and drop one switch from the option of networking devices in lower left corner.
6- Click user 1 and connect it to the switch by selecting a connection type from the connection option.
7: Similarly, connect all 10 users to the switch via fast ethernet.

8. Double click on user1 ; desktop tab then click IP configuration.

9. set IP address 192.168.10.1 ;
   subnet mask = 255.255.255.0.

10. Repeat steps 8 & 9 for other PC's configuration.

11. To check connectivity:
   click on user 1 then from desktop tab click on command prompt option :
   ping 192.168.10.5 (IP address of user 5).

12. Repeat step 11 to check connectivity b/w any two users.