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CCNA Lab

C:\Users\Bilal Ahmed\Desktop\Lab Question 1.pkt

File Tools Extensions Help

Question 1: Construct network topology which have one router

```

    graph TD
      PC[PC] --- S[Switch]
      S --- S0[Server-PT Server0]
      S --- S1[Server-PT Server1]
      S --- R[Router0]
      R --- P[Printer-PT Printer0]
  
```

Simulation Panel

Event List

Time(sec)	Last Device	All Device	Type
21.858	--	Switch0	STP
21.859	Switch0	PC0	STP
21.859	Switch0	Server1	STP
21.859	Switch0	Server0	STP
21.859	Switch0	Router0	STP
23.859	--	Switch0	STP
23.860	Switch0	PC0	STP
23.860	Switch0	Server1	STP
23.860	Switch0	Server0	STP
23.860	Switch0	Router0	STP

Reset Simulation Constant Delay Captured to 23.860 s

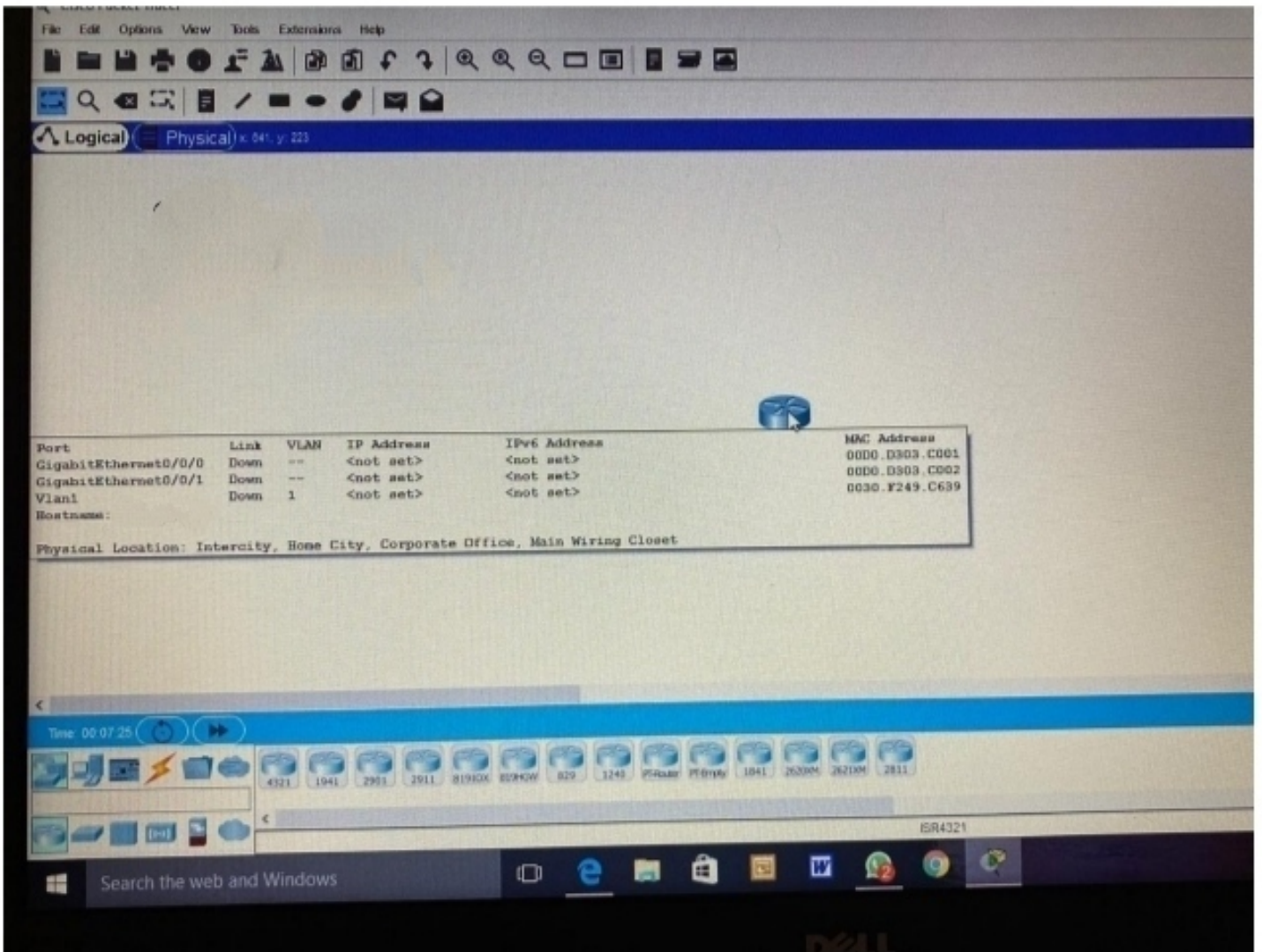
Play Controls

Event List Filters - Visible Events

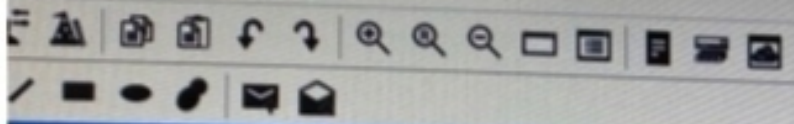
ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, iSCSI, L2TP, LACP, LLDP, NTP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PPTP, RADIUS, RDP, RIP, RIPng, RSTP, SCCP, SNMP, SNMPv6, SSH, STP, SYSLOG, TACACS, TFTP, TFTPv6, Trunk, UDP, v58, VTP

Event List Realtime Simulation

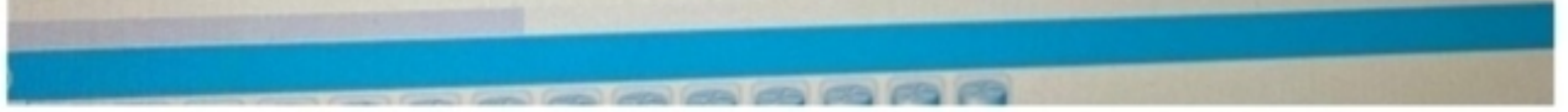
1:21 pm 1/15



Tools Extensions Help



x: 827, y: 100



Tracer

File View Tools Extensions Help

Physical) x 817, y 261

Router0

Physical Config CLI Attributes

IOS Command Line Interface

```
--- System Configuration Dialog ---
Would you like to enter the initial configuration dialog? (yes/no): n

Press RETURN to get started!

Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#line console 0
Router(config-line)#password 15059
Router(config-line)#login
Router(config-line)#exit
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
exit
```

Ctrl-F6 to exit CLI focus

Copy Paste

No

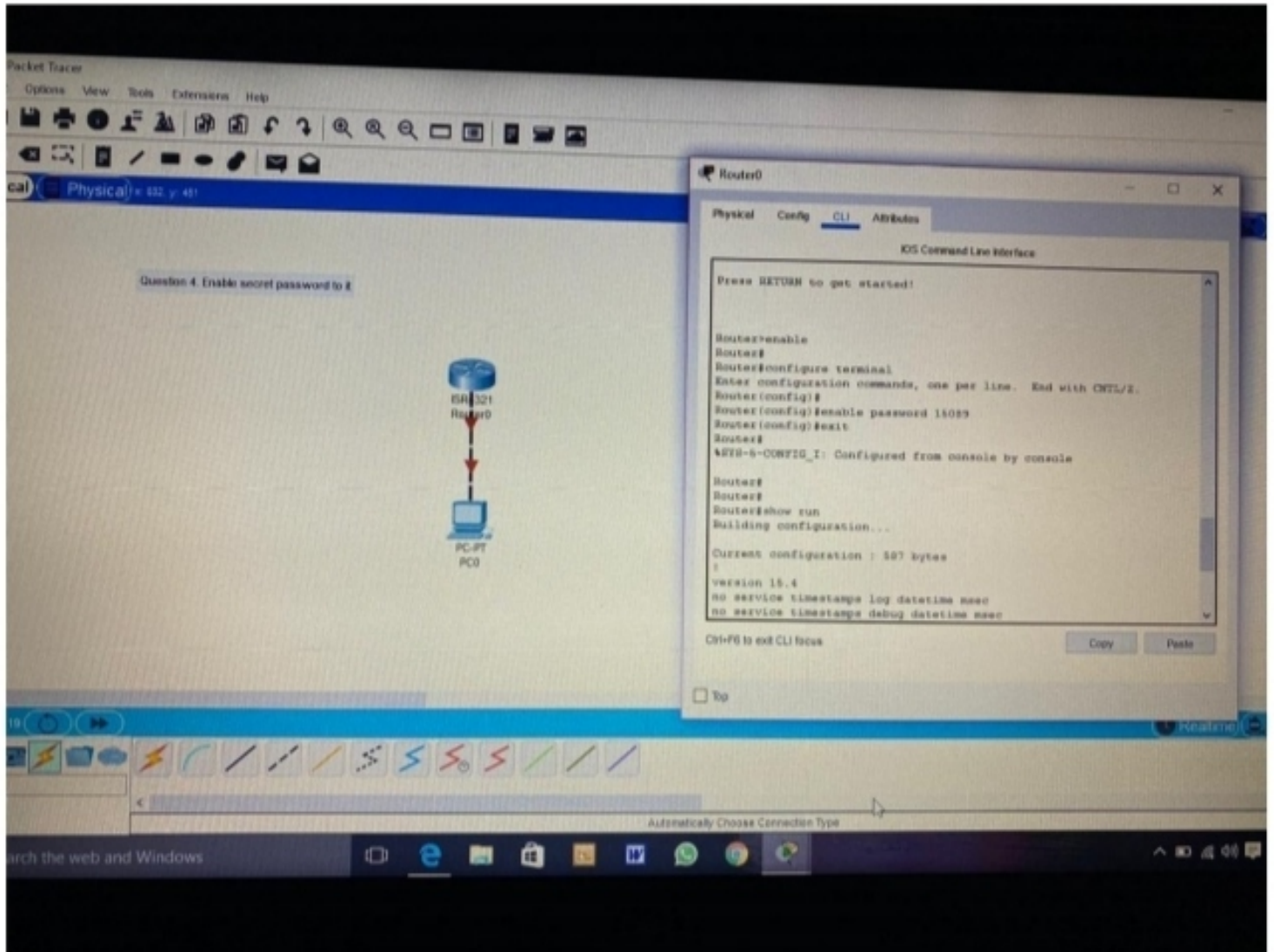
Realtime

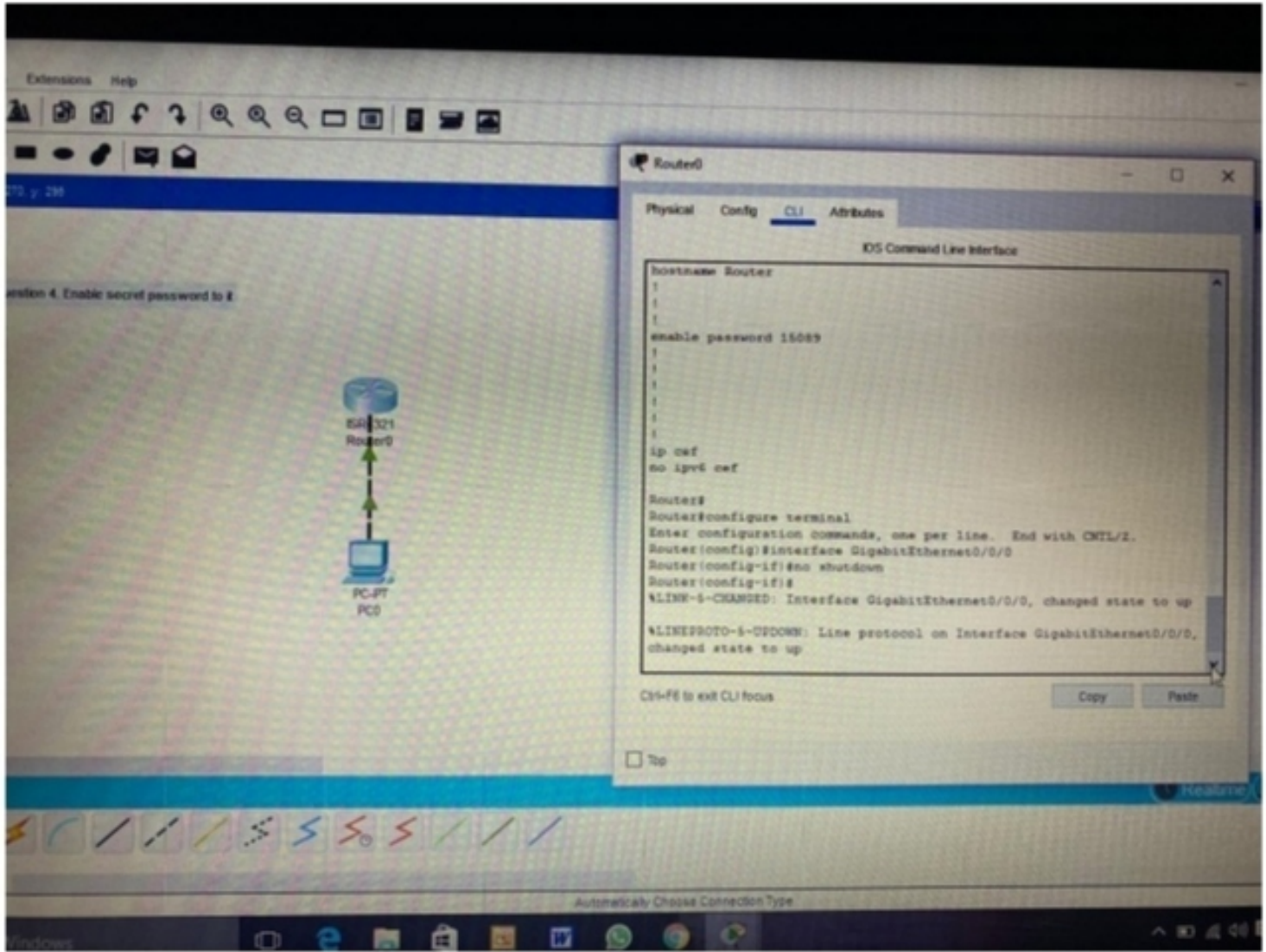
2011

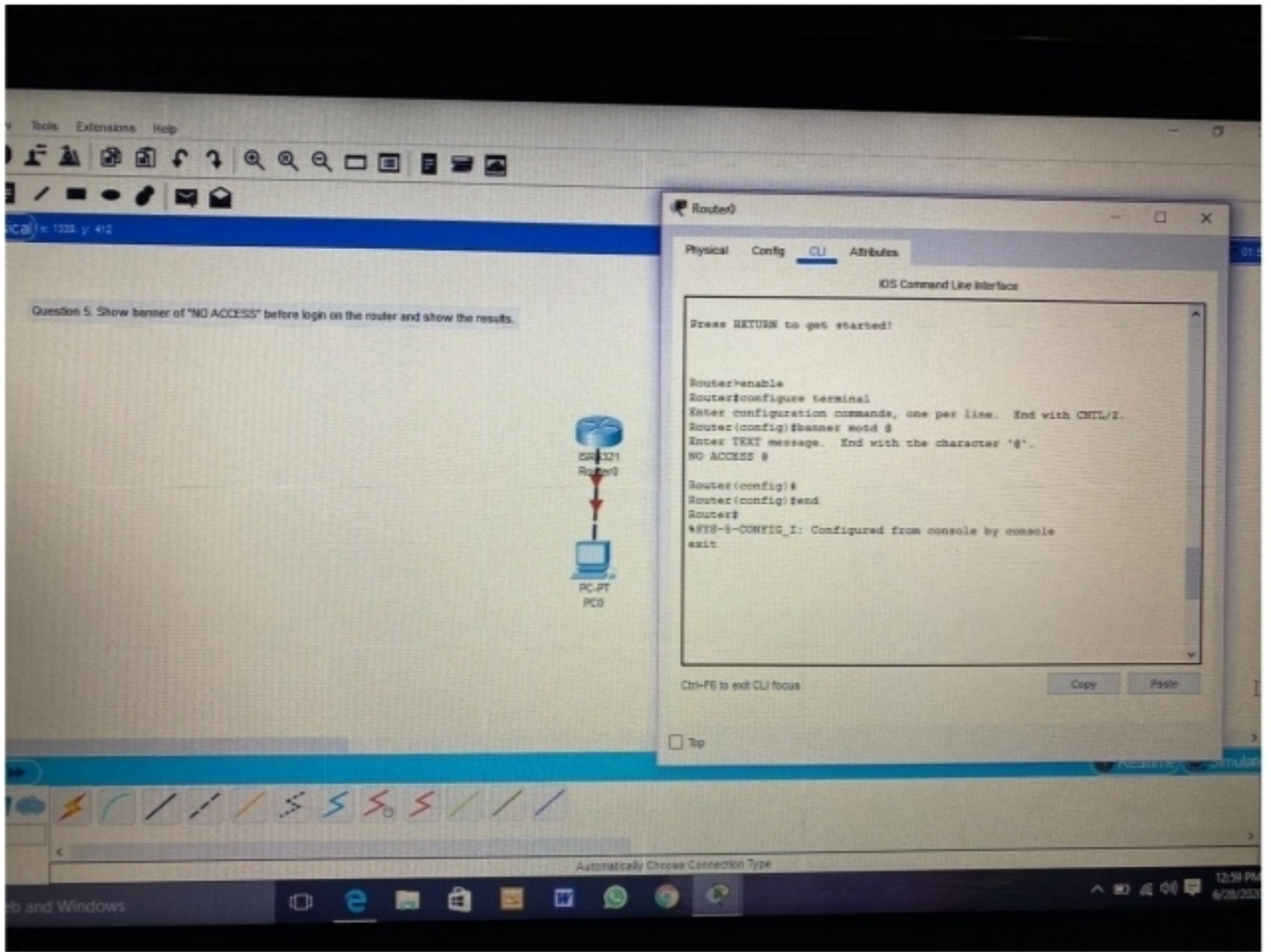
Search the web and Windows

11:42

DELL



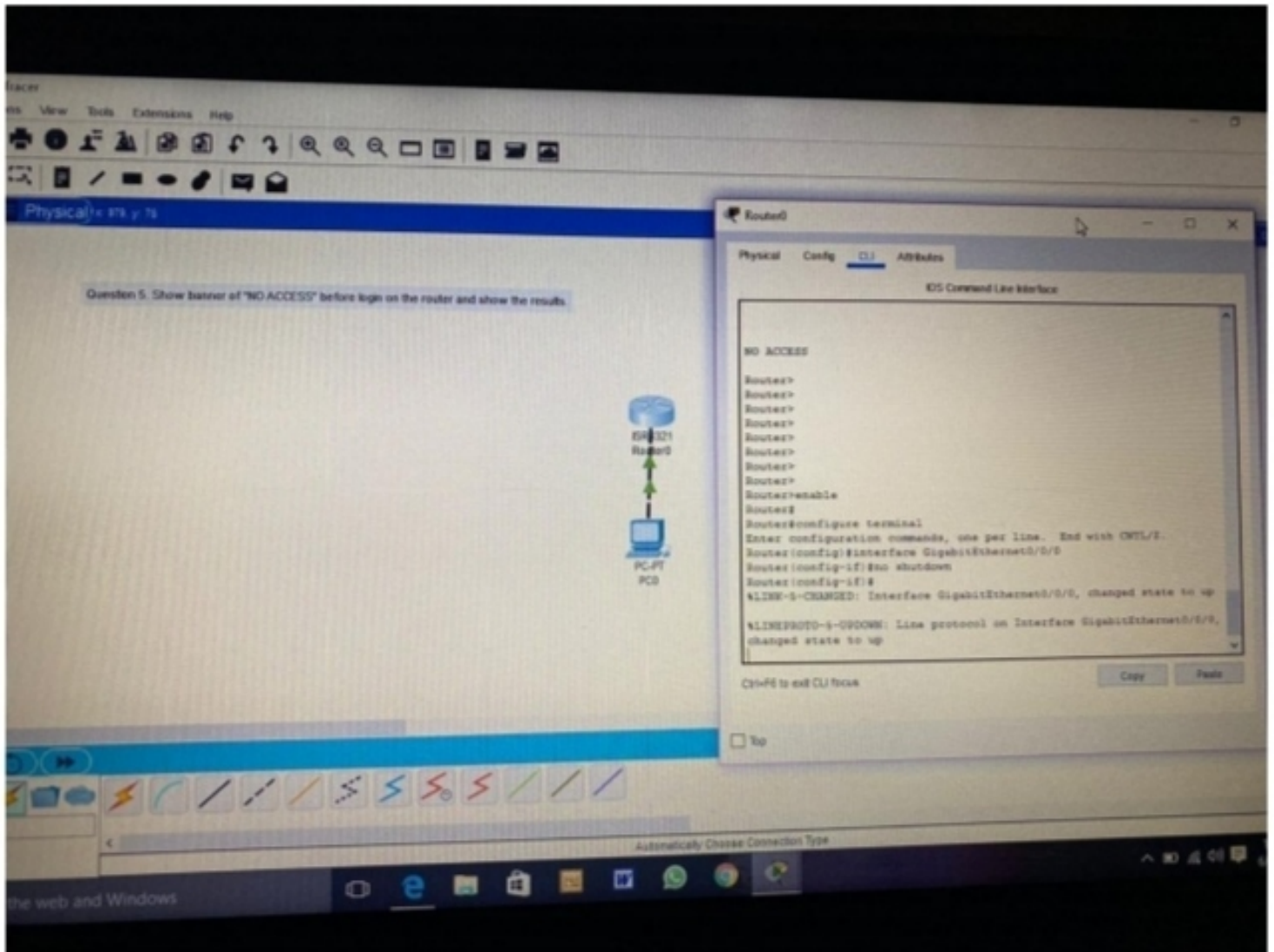


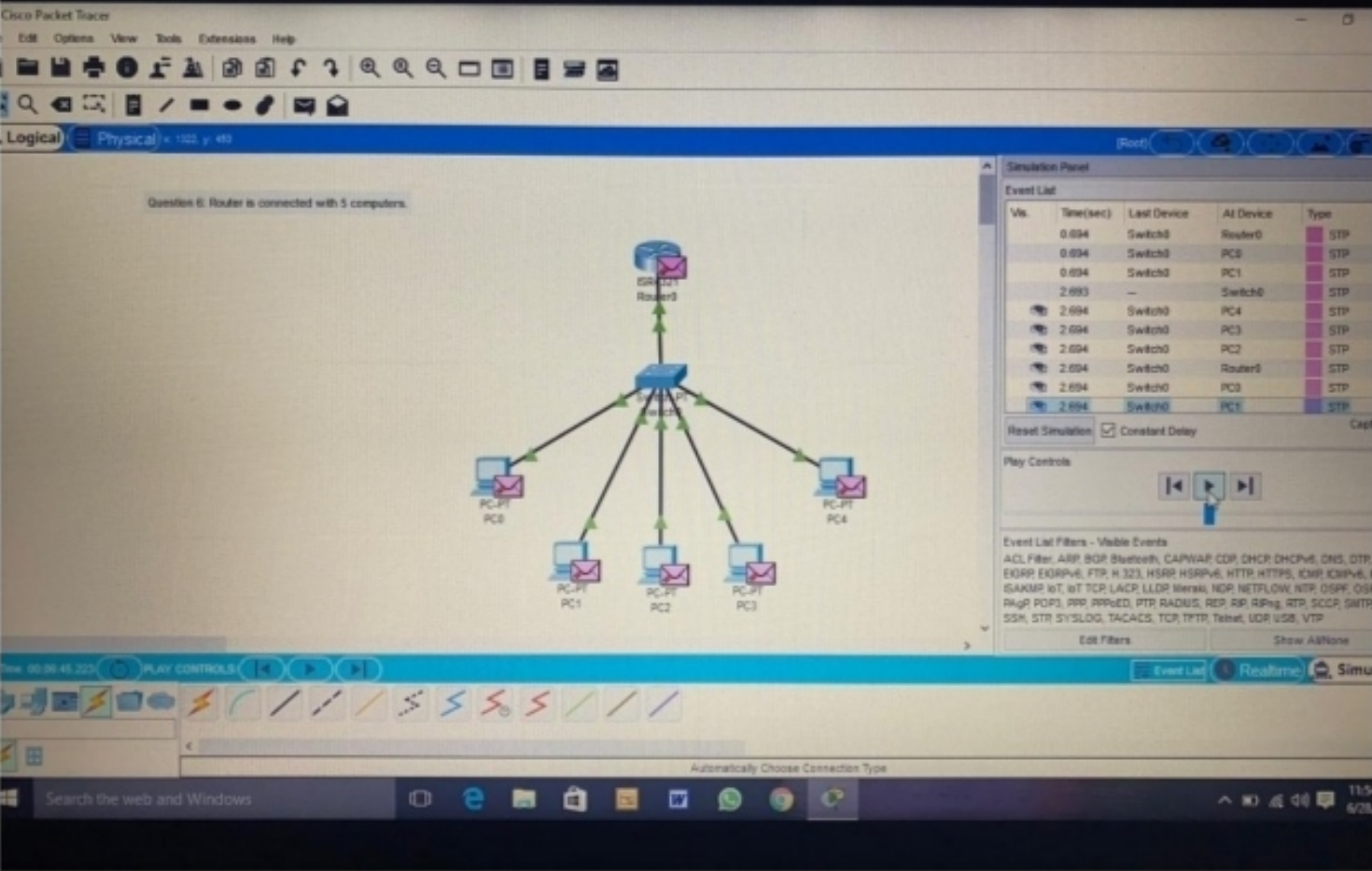


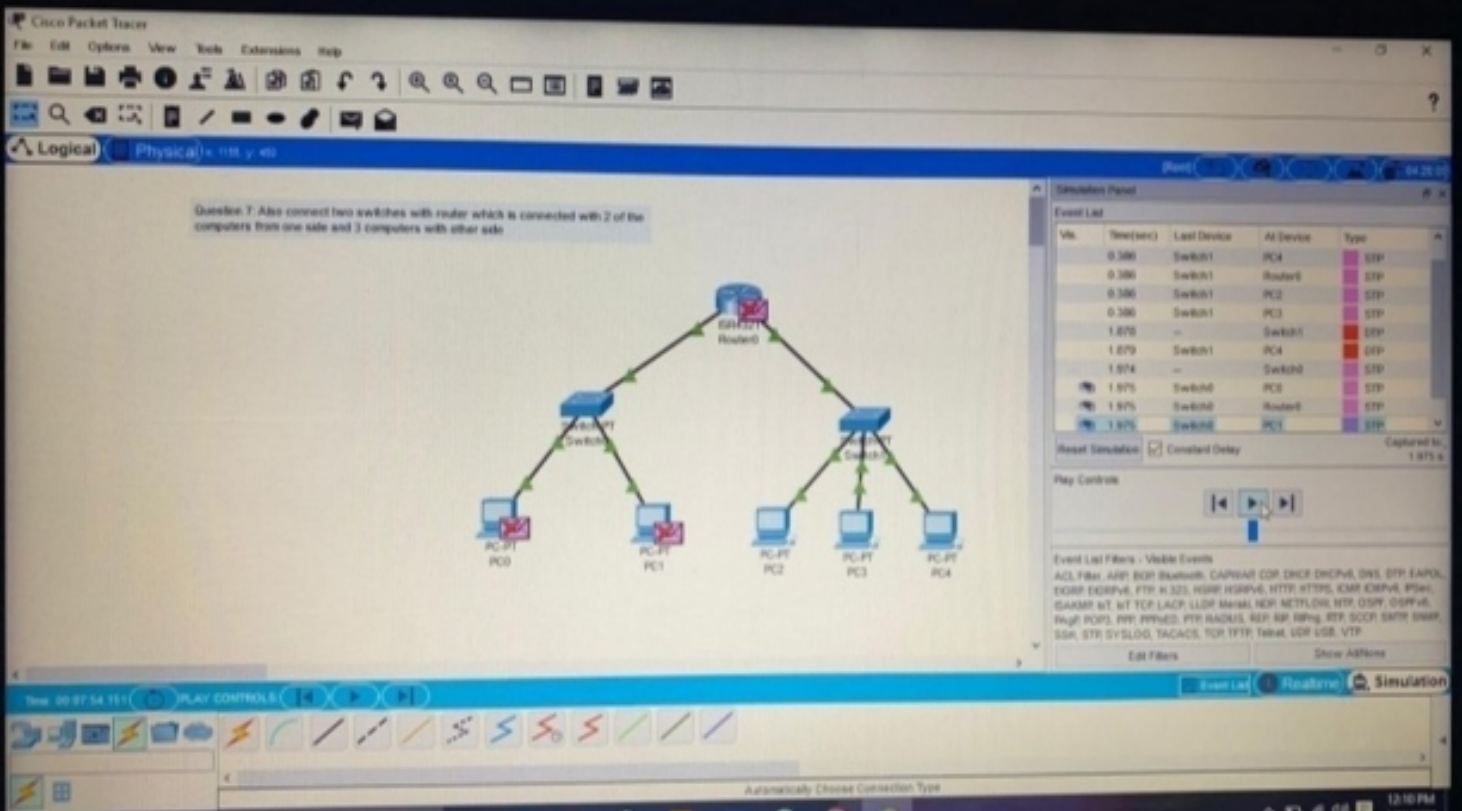
Question 5. Show banner of "NO ACCESS" before login on the router and show the results.



```
Router>enable
Router#configure terminal
Enter configuration commands, one per line. End with CTRL/Z.
Router(config)#banner motd #
Enter TEXT message. End with the character '#'.
NO ACCESS #
Router(config)#
Router(config)#end
Router#
*SYS-5-CONFIG_I: Configured from console by console
exit
```





Simulation Panel

Event List

Time	Device(s)	Host Device	At Device	Type
0.386	Switch1	PC4	Router	STP
0.386	Switch1	Router	Router	STP
0.386	Switch1	PC2	Router	STP
0.386	Switch1	PC3	Router	STP
1.678	---	Switch1	---	STP
1.678	Switch1	PC4	Router	STP
1.674	---	Switch2	---	STP
1.675	Switch2	PC3	Router	STP
1.675	Switch2	Router	Router	STP
1.675	Switch2	PC1	Router	STP

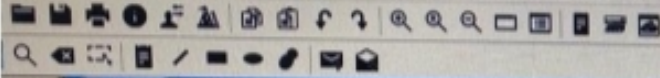
Reset Simulation Constant Delay Captured to: 1.675 s

Play Controls

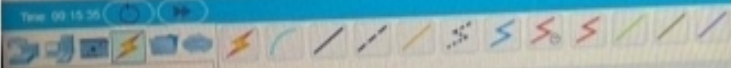
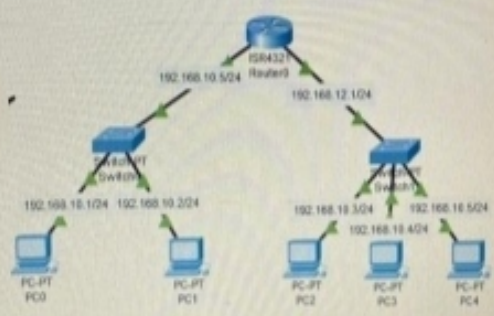
Event List Filters - Visible Events

ACL, Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, EPP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, PING, SAAWP, SIP, STP, TFTP, LACP, LLDP, Meraki, NTP, NETFLOW, NTP, OSPF, OSPFv6, RADIUS, RIPv2, RIPv6, RSTP, RSTPv6, SLL, SCOP, SMT, SMTv6, SSH, STP, SYSLOG, TACACS, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All Filters



Question: How to connect two switches with router which is connected with 2 of the computers from one side and 3 computers with other side



Automatically Choose Connector Type

