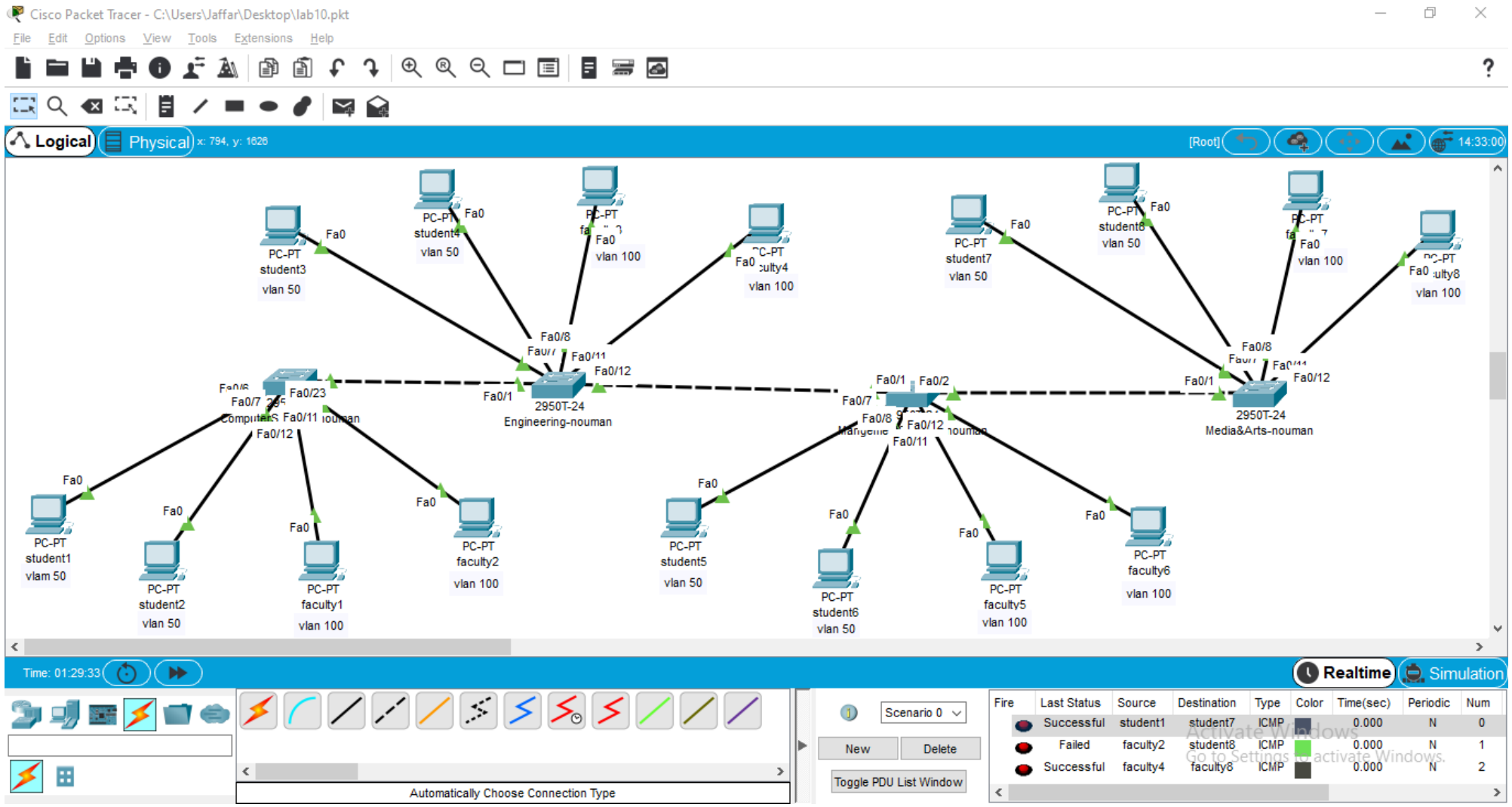
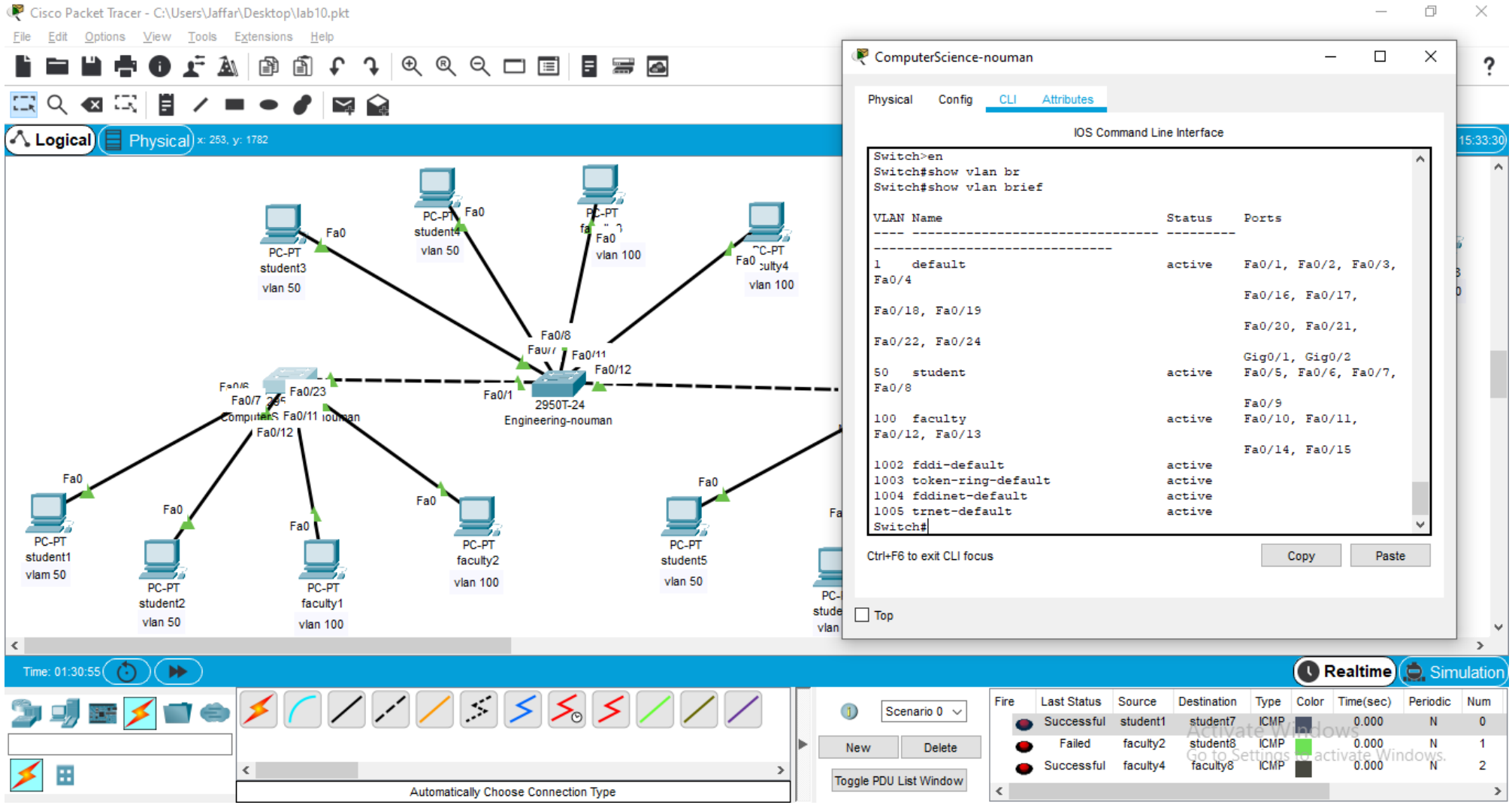
LAB#10

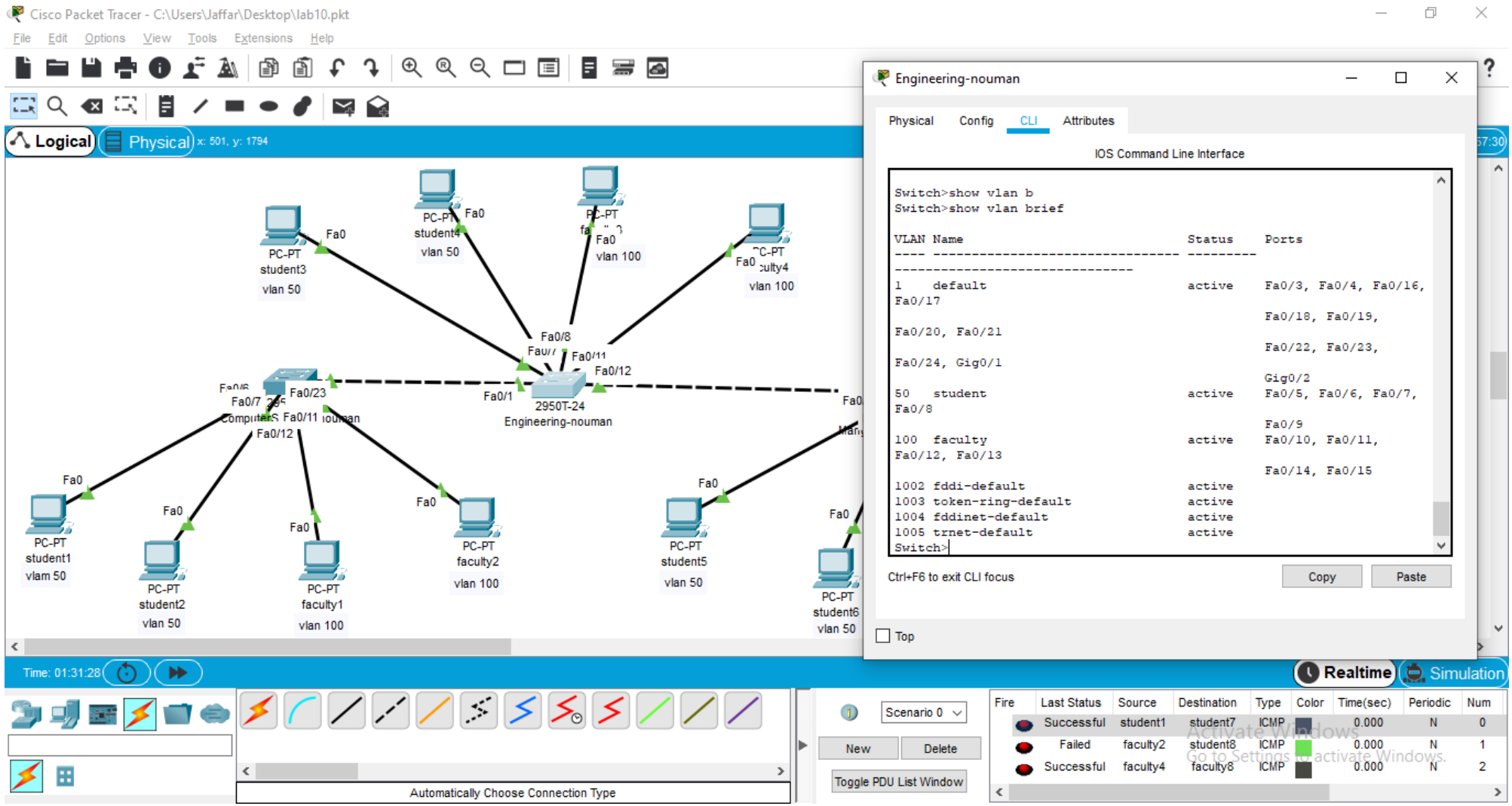
Name : Nouman Ali ***SID : 9964***

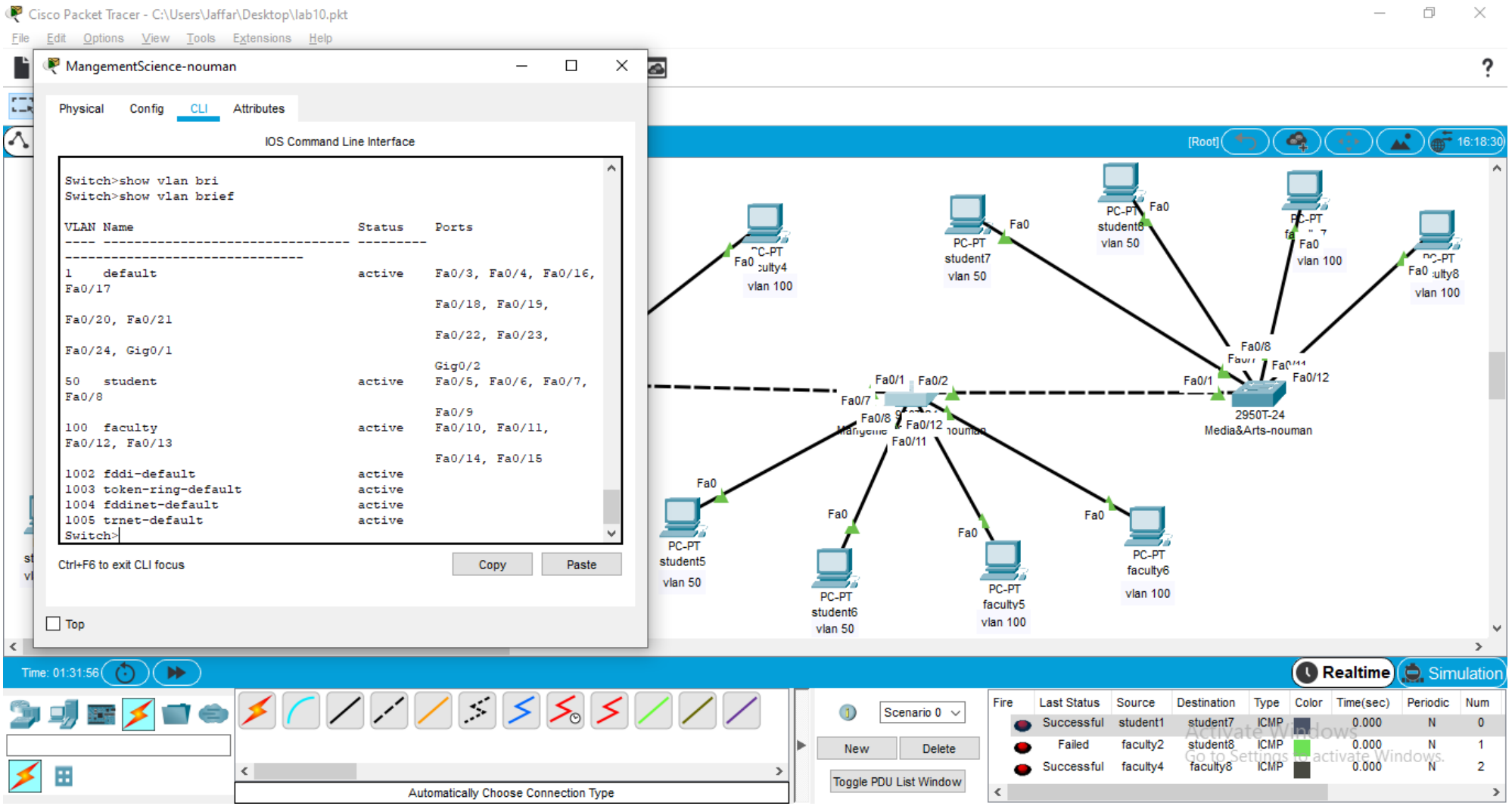
SHOW VLAN BRIEF:-

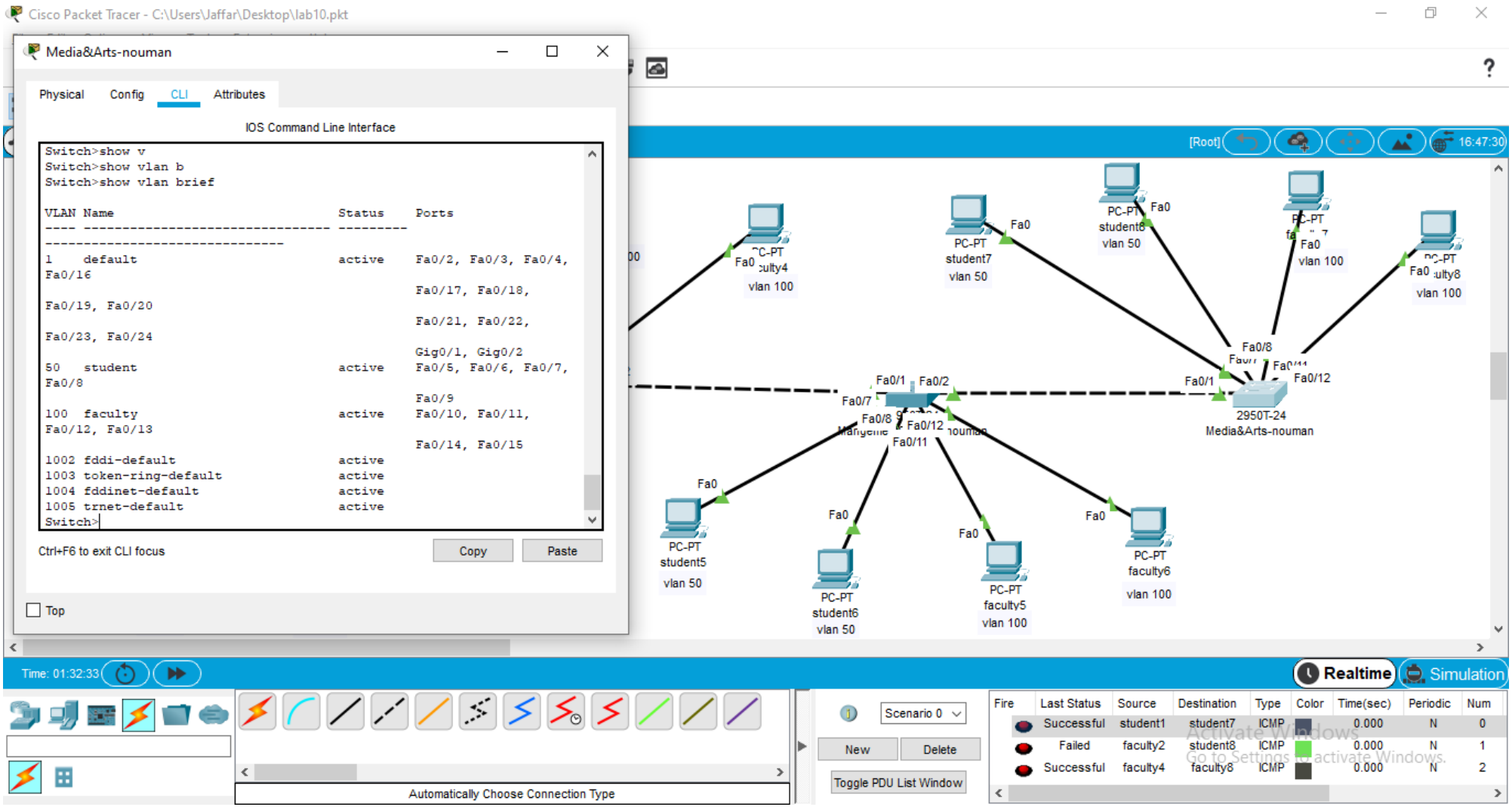
The show vlans command lists the VLANs currently running in the switch, with VLAN name and VLAN status. Dynamic VLANs appear only if the switch is running with GVRP enabled and one or more ports has dynamically joined an advertised VLAN. We use the show vlan command to verify over VLAN configuration. This command displays all switchports and their associated VLAN as well as the VLAN status and some extra parameters that relate to Token Ring and FDDI trunks. We can also use the show vlan id [vlan#] command to see information about a particular VLAN.

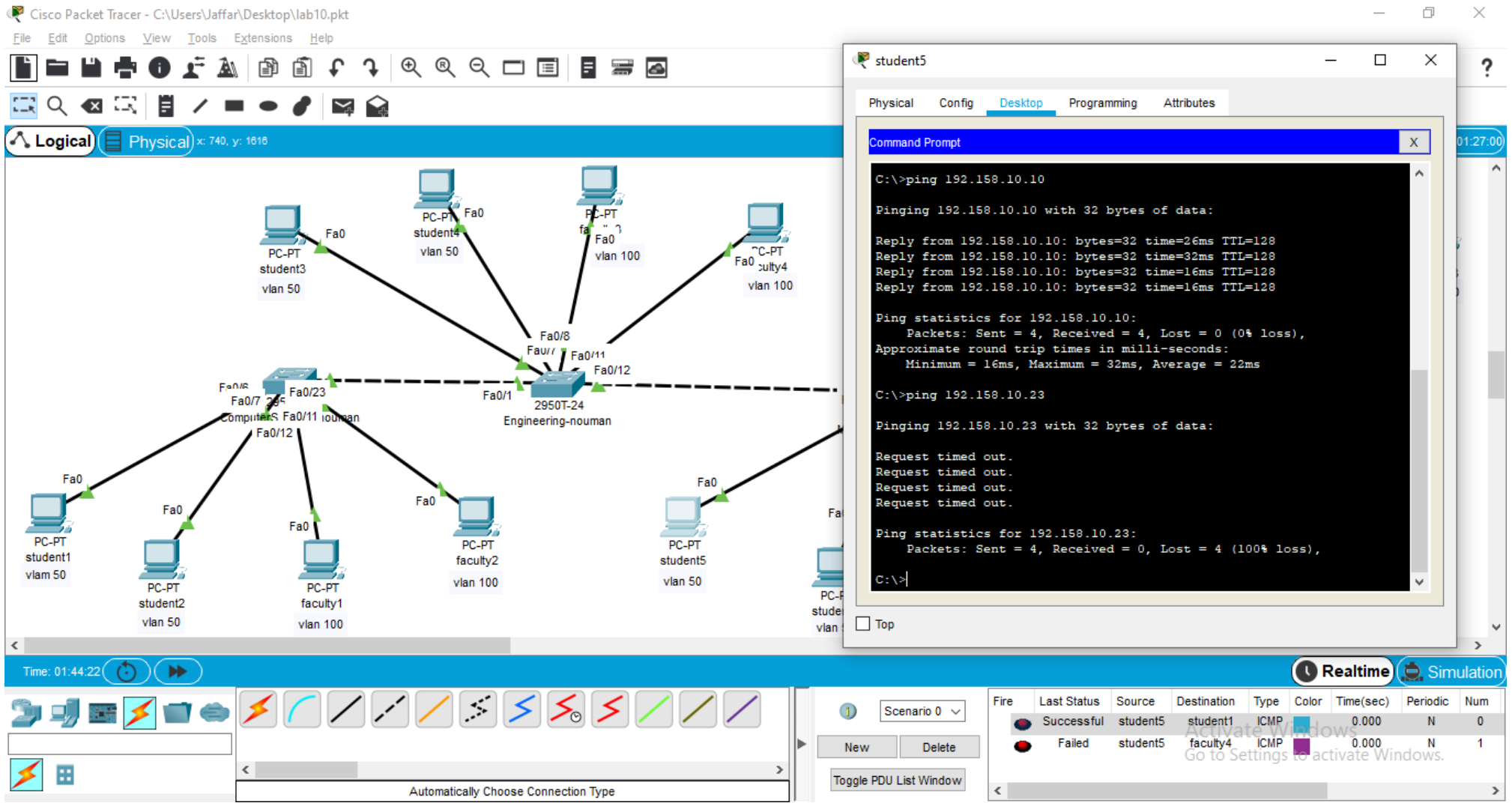

Cisco Packet Tracer - C:\Users\Jaffar\Desktop\lab10.pkt
File Edit Options View Tools Extensions Help
Logical
Physical
x: 794, y: 1628
[Root]
14:33:00
PC-PT student3 vlan 50
PC-PT student4 vlan 50
PC-PT vlan 100
PC-PT vlan 100
PC-PT student7 vlan 50
PC-PT student8 vlan 50
PC-PT vlan 100
PC-PT vlan 100
Fa0/8
Fa0/12
Fa0/1
2950T-24
Engineering-nouman
Fa0/23
Fa0/11
Fa0/12
Fa0/1
Fa0/2
Fa0/7
Fa0/8
Fa0/12
Fa0/11
2950T-24
Media&Arts-nouman
PC-PT student1 vlam 50
PC-PT student2 vlan 50
PC-PT faculty1 vlan 100
PC-PT faculty2 vlan 100
PC-PT student5 vlan 50
PC-PT student6 vlan 50
PC-PT faculty5 vlan 100
PC-PT faculty6 vlan 100
Time: 01:29:33
Realtime
Simulation
Automatically Choose Connection Type
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num
Successful student1 student7 ICMP 0.000 N 0
Failed faculty2 student8 ICMP 0.000 N 1
Successful faculty4 faculty8 ICMP 0.000 N 2
Activate Windows
Go to Settings to activate Windows.


Cisco Packet Tracer - C:\Users\Jaffar\Desktop\lab10.pkt
File Edit Options View Tools Extensions Help
Logical
Physical
x: 253, y: 1782
15:33:30
PC-PT student3 vlan 50
PC-PT student4 vlan 50
PC-PT vlan 100
PC-PT vlan 100
Fa0/8
Fa0/11
Fa0/12
Fa0/1
2950T-24
Engineering-nouman
Fa0/23
Fa0/11
Fa0/12
PC-PT student1 vlan 50
PC-PT student2 vlan 50
PC-PT faculty1 vlan 100
PC-PT faculty2 vlan 100
PC-PT student5 vlan 50
Time: 01:30:55
Realtime
Simulation
Automatically Choose Connection Type
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num
Successful student1 student7 ICMP 0.000 N 0
Failed faculty2 student8 ICMP 0.000 N 1
Successful faculty4 faculty8 ICMP 0.000 N 2
ComputerScience-nouman
Physical Config CLI Attributes
IOS Command Line Interface
Switch>en
Switch#show vlan br
Switch#show vlan brief
VLAN Name Status Ports
1 default active Fa0/1, Fa0/2, Fa0/3, Fa0/4, Fa0/16, Fa0/17, Fa0/18, Fa0/19, Fa0/20, Fa0/21, Fa0/22, Fa0/24, Gig0/1, Gig0/2
50 student active Fa0/5, Fa0/6, Fa0/7, Fa0/8, Fa0/9
100 faculty active Fa0/10, Fa0/11, Fa0/12, Fa0/13, Fa0/14, Fa0/15
1002 fddi-default active
1003 token-ring-default active
1004 fddinet-default active
1005 trnet-default active
Switch#
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
Activate Windows
Go to Settings to activate Windows.


Cisco Packet Tracer - C:\Users\Jaffar\Desktop\lab10.pkt
File Edit Options View Tools Extensions Help
Logical
Physical
x: 501, y: 1794
PC-PT student3 vlan 50
PC-PT student4 vlan 50
PC-PT vlan 100
PC-PT faculty4 vlan 100
Fa0/8
Fa0/12
Fa0/1
2950T-24
Engineering-nouman
Fa0/23
Fa0/11
Fa0/12
PC-PT student1 vlam 50
PC-PT student2 vlan 50
PC-PT faculty1 vlan 100
PC-PT faculty2 vlan 100
PC-PT student5 vlan 50
PC-PT student6 vlan 50
Time: 01:31:28
Realtime
Simulation
Automatically Choose Connection Type
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num
Successful student1 student7 ICMP 0.000 N 0
Failed faculty2 student8 ICMP 0.000 N 1
Successful faculty4 faculty8 ICMP 0.000 N 2
Activate Windows
Go to Settings to activate Windows.
Engineering-nouman
Physical Config CLI Attributes
IOS Command Line Interface
Switch>show vlan b
Switch>show vlan brief
VLAN Name Status Ports
1 default active Fa0/3, Fa0/4, Fa0/16, Fa0/17
Fa0/18, Fa0/19, Fa0/20, Fa0/21
Fa0/22, Fa0/23, Fa0/24, Gig0/1
Gig0/2
50 student active Fa0/5, Fa0/6, Fa0/7, Fa0/8
Fa0/9
100 faculty active Fa0/10, Fa0/11, Fa0/12, Fa0/13
Fa0/14, Fa0/15
1002 fddi-default active
1003 token-ring-default active
1004 fddinet-default active
1005 trnet-default active
Switch>
Ctrl+F6 to exit CLI focus
Copy
Paste
Top


Cisco Packet Tracer - C:\Users\Jaffar\Desktop\lab10.pkt
File Edit Options View Tools Extensions Help
MangementScience-nouman
Physical Config CLI Attributes
IOS Command Line Interface
Switch>show vlan bri
Switch>show vlan brief
VLAN Name Status Ports
1 default active Fa0/3, Fa0/4, Fa0/16, Fa0/17
Fa0/18, Fa0/19, Fa0/20, Fa0/21
Fa0/22, Fa0/23, Fa0/24, Gig0/1
Gig0/2
50 student active Fa0/5, Fa0/6, Fa0/7, Fa0/8
Fa0/9
100 faculty active Fa0/10, Fa0/11, Fa0/12, Fa0/13
Fa0/14, Fa0/15
1002 fddi-default active
1003 token-ring-default active
1004 fddinet-default active
1005 trnet-default active
Switch>
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
[Root]
16:18:30
PC-PT student7 vlan 50
PC-PT student8 vlan 50
PC-PT vlan 100
PC-PT vlan 100
2950T-24 Media&Arts-nouman
PC-PT student5 vlan 50
PC-PT student6 vlan 50
PC-PT faculty5 vlan 100
PC-PT faculty6 vlan 100
Time: 01:31:56
Realtime
Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num
Successful student1 student7 ICMP 0.000 N 0
Failed faculty2 student8 ICMP 0.000 N 1
Successful faculty4 faculty8 ICMP 0.000 N 2
Automatically Choose Connection Type
Activate Windows
Go to Settings to activate Windows.


Cisco Packet Tracer - C:\Users\Jaffar\Desktop\lab10.pkt
Media&Arts-nouman
Physical
Config
CLI
Attributes
IOS Command Line Interface
Switch>show v
Switch>show vlan b
Switch>show vlan brief
VLAN Name Status Ports
1 default active Fa0/2, Fa0/3, Fa0/4, Fa0/16
Fa0/17, Fa0/18, Fa0/19, Fa0/20
Fa0/21, Fa0/22, Fa0/23, Fa0/24
Gig0/1, Gig0/2
50 student active Fa0/5, Fa0/6, Fa0/7, Fa0/8
Fa0/9
100 faculty active Fa0/10, Fa0/11, Fa0/12, Fa0/13
Fa0/14, Fa0/15
1002 fddi-default active
1003 token-ring-default active
1004 fddinet-default active
1005 trnet-default active
Switch>
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
[Root]
16:47:30
PC-PT student7 vlan 50
PC-PT student8 vlan 50
PC-PT vlan 100
2950T-24 Media&Arts-nouman
PC-PT student5 vlan 50
PC-PT student6 vlan 50
PC-PT faculty5 vlan 100
PC-PT faculty6 vlan 100
Time: 01:32:33
Realtime
Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Automatically Choose Connection Type
Fire
Last Status
Source
Destination
Type
Color
Time(sec)
Periodic
Num
Successful student1 student7 ICMP 0.000 N 0
Failed faculty2 student8 ICMP 0.000 N 1
Successful faculty4 faculty8 ICMP 0.000 N 2
Activate Windows
Go to Settings to activate Windows.


Cisco Packet Tracer - C:\Users\Jaffar\Desktop\lab10.pkt
File Edit Options View Tools Extensions Help
Logical
Physical
student5
Physical Config Desktop Programming Attributes
Command Prompt
C:\>ping 192.158.10.10
Pinging 192.158.10.10 with 32 bytes of data:
Reply from 192.158.10.10: bytes=32 time=26ms TTL=128
Reply from 192.158.10.10: bytes=32 time=32ms TTL=128
Reply from 192.158.10.10: bytes=32 time=16ms TTL=128
Reply from 192.158.10.10: bytes=32 time=16ms TTL=128
Ping statistics for 192.158.10.10:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 16ms, Maximum = 32ms, Average = 22ms
C:\>ping 192.158.10.23
Pinging 192.158.10.23 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Ping statistics for 192.158.10.23:
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>
Top
PC-PT student3 vlan 50
PC-PT student4 vlan 50
PC-PT vlan 100
PC-PT faculty4 vlan 100
2950T-24 Engineering-nouman
PC-PT student1 vlam 50
PC-PT student2 vlan 50
PC-PT faculty1 vlan 100
PC-PT faculty2 vlan 100
PC-PT student5 vlan 50
Time: 01:44:22
Realtime
Simulation
Automatically Choose Connection Type
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num
Successful student5 student1 ICMP 0.000 N 0
Failed student5 faculty4 ICMP 0.000 N 1
Activate Windows
Go to Settings to activate Windows.