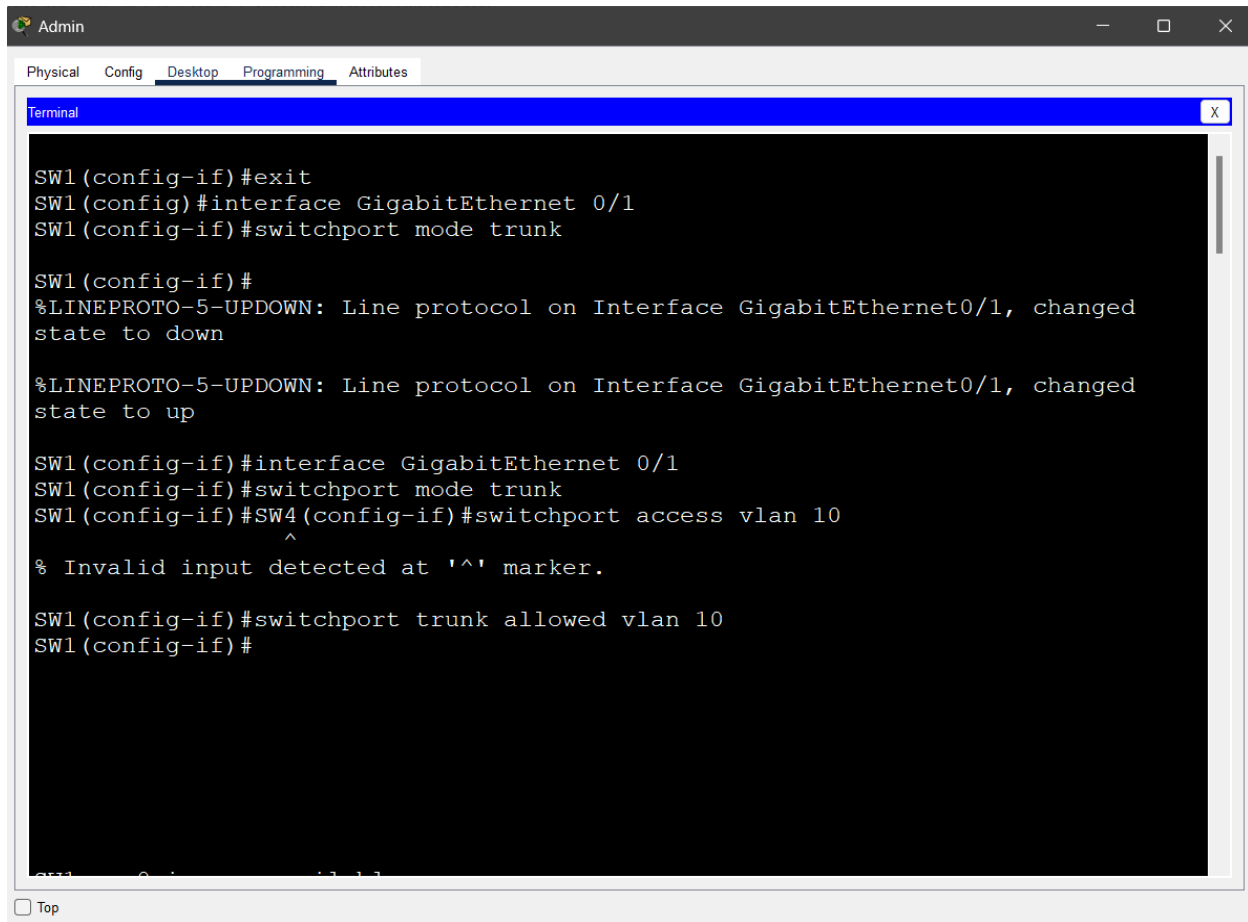


Name:Ahmed Saeed Albijali

ID:1935732

One screenshot of the terminal from Admin Laptop showing any switch configuration.



The screenshot shows a terminal window with a title bar 'Admin' and standard window controls. Below the title bar are tabs for 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes', with 'Config' being the active tab. The terminal itself has a blue title bar 'Terminal' and a close button. The terminal content shows the following commands and outputs:

```
SW1(config-if)#exit
SW1(config)#interface GigabitEthernet 0/1
SW1(config-if)#switchport mode trunk

SW1(config-if)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed
state to down

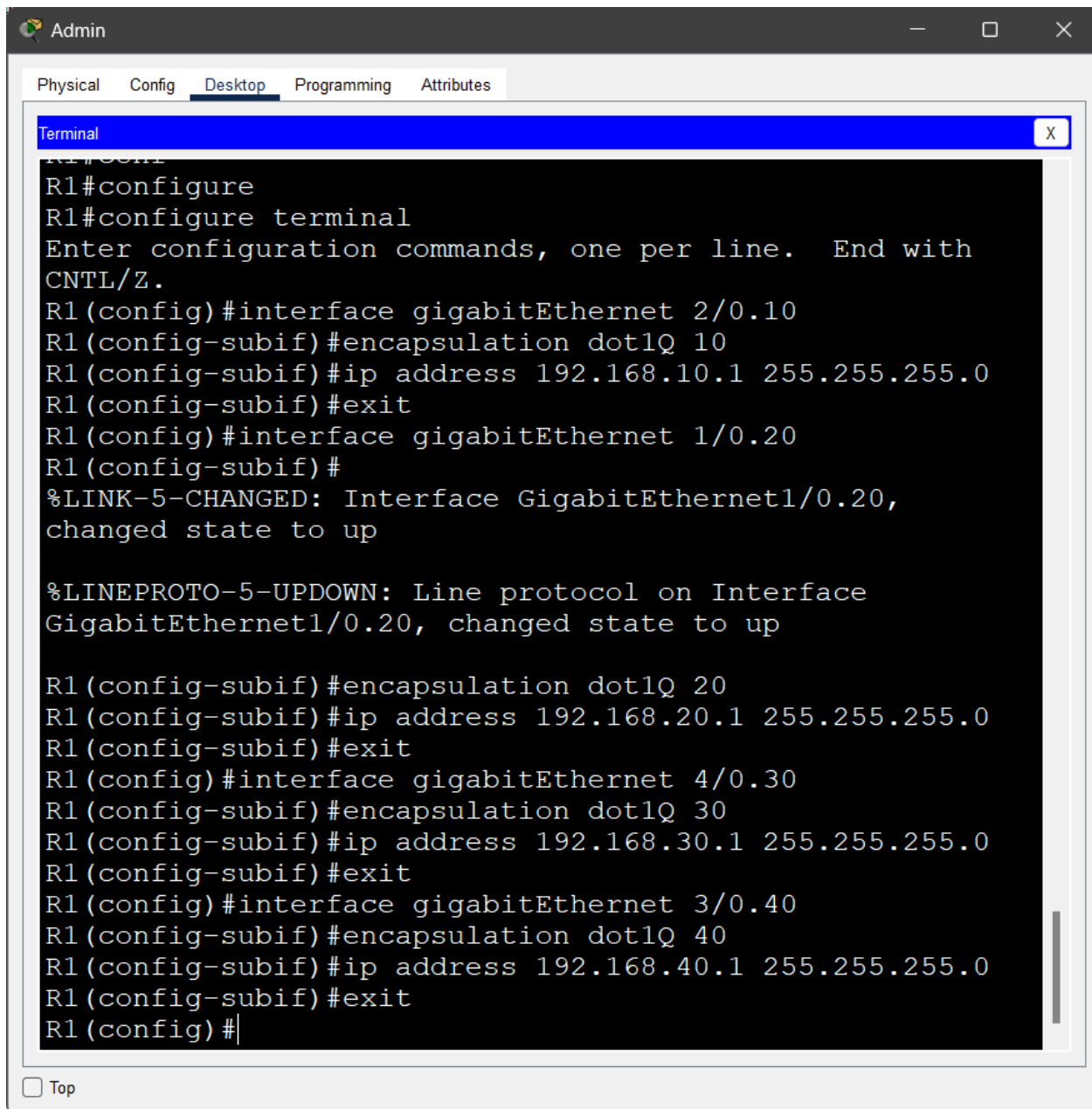
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed
state to up

SW1(config-if)#interface GigabitEthernet 0/1
SW1(config-if)#switchport mode trunk
SW1(config-if)#SW4(config-if)#switchport access vlan 10
^
% Invalid input detected at '^' marker.

SW1(config-if)#switchport trunk allowed vlan 10
SW1(config-if)#
```

At the bottom left of the terminal window, there is a 'Top' button.

One screenshot of the terminal from Admin Laptop showing router R1 configuration.



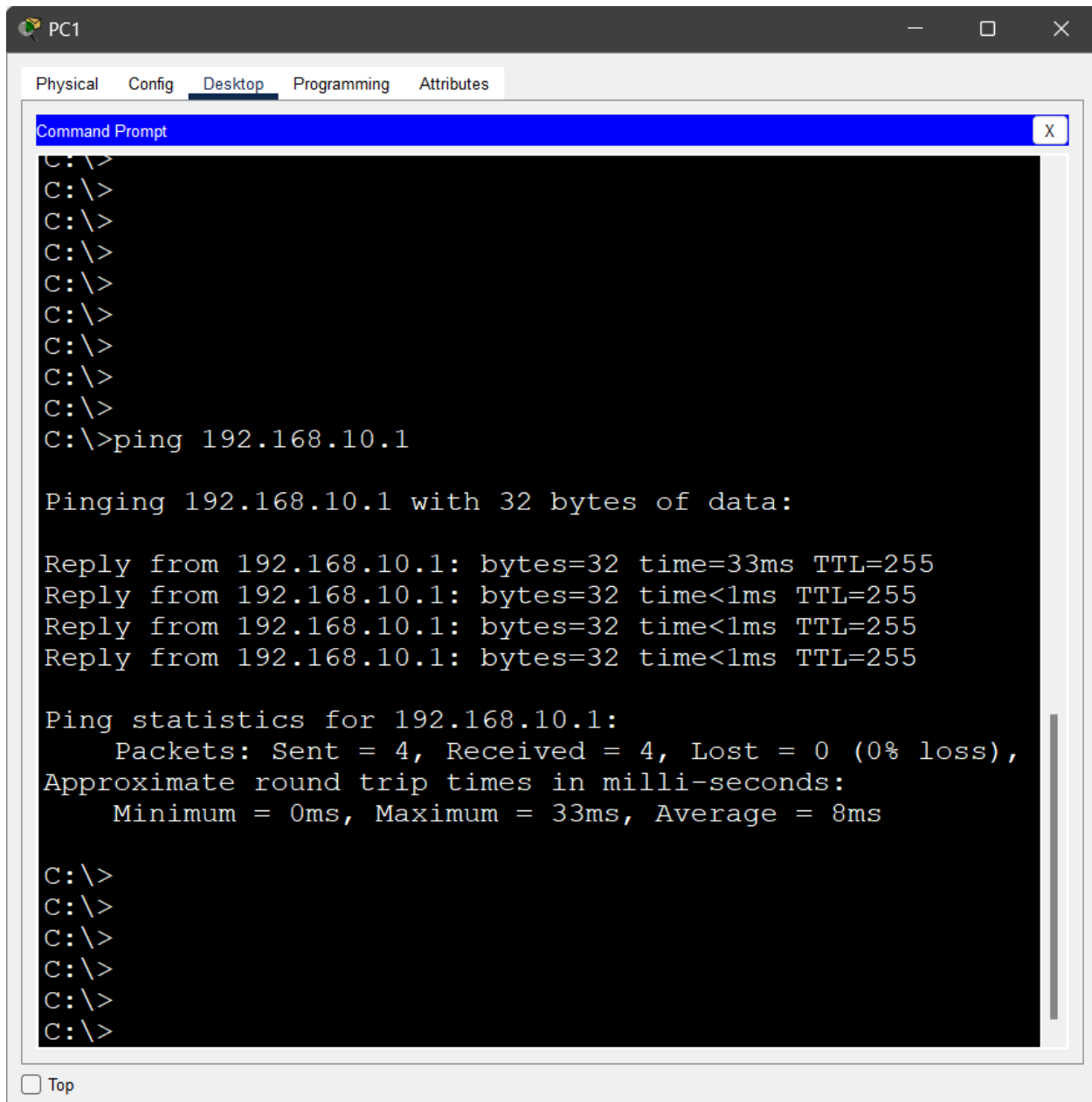
```
R1#configure
R1#configure terminal
Enter configuration commands, one per line.  End with
CNTL/Z.
R1(config)#interface gigabitEthernet 2/0.10
R1(config-subif)#encapsulation dot1Q 10
R1(config-subif)#ip address 192.168.10.1 255.255.255.0
R1(config-subif)#exit
R1(config)#interface gigabitEthernet 1/0.20
R1(config-subif)#
%LINK-5-CHANGED: Interface GigabitEthernet1/0.20,
changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface
GigabitEthernet1/0.20, changed state to up

R1(config-subif)#encapsulation dot1Q 20
R1(config-subif)#ip address 192.168.20.1 255.255.255.0
R1(config-subif)#exit
R1(config)#interface gigabitEthernet 4/0.30
R1(config-subif)#encapsulation dot1Q 30
R1(config-subif)#ip address 192.168.30.1 255.255.255.0
R1(config-subif)#exit
R1(config)#interface gigabitEthernet 3/0.40
R1(config-subif)#encapsulation dot1Q 40
R1(config-subif)#ip address 192.168.40.1 255.255.255.0
R1(config-subif)#exit
R1(config)#
```

☐ Top

Three screenshots of command prompt from all PCs showing successful ping between PC and Router (one screenshot for each PC)



The screenshot shows a window titled "PC1" with a tabbed interface. The "Desktop" tab is active, displaying a "Command Prompt" window. The command prompt shows a series of "C:\>" prompts, followed by the command "ping 192.168.10.1". The output indicates a successful ping with 32 bytes of data, showing four replies from 192.168.10.1 with times of 33ms, <1ms, <1ms, and <1ms, all with a TTL of 255. Ping statistics for 192.168.10.1 are also displayed, showing 4 packets sent, 4 received, 0 lost (0% loss), and approximate round trip times of 0ms minimum, 33ms maximum, and 8ms average. The window has a "Top" button at the bottom left.

```
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>ping 192.168.10.1

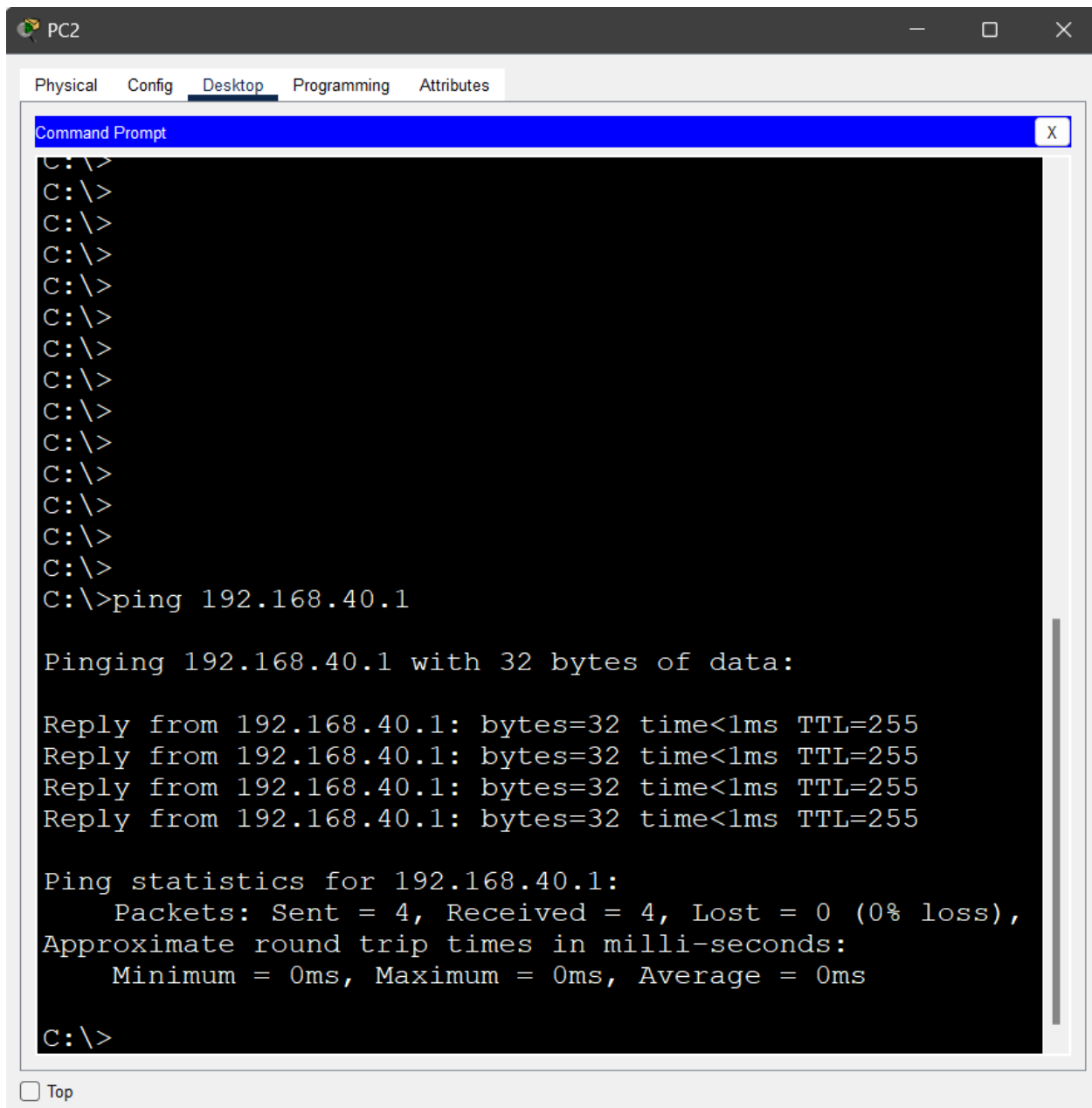
Pinging 192.168.10.1 with 32 bytes of data:

Reply from 192.168.10.1: bytes=32 time=33ms TTL=255
Reply from 192.168.10.1: bytes=32 time<1ms TTL=255
Reply from 192.168.10.1: bytes=32 time<1ms TTL=255
Reply from 192.168.10.1: bytes=32 time<1ms TTL=255

Ping statistics for 192.168.10.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 33ms, Average = 8ms

C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
```

☐ Top



PC3

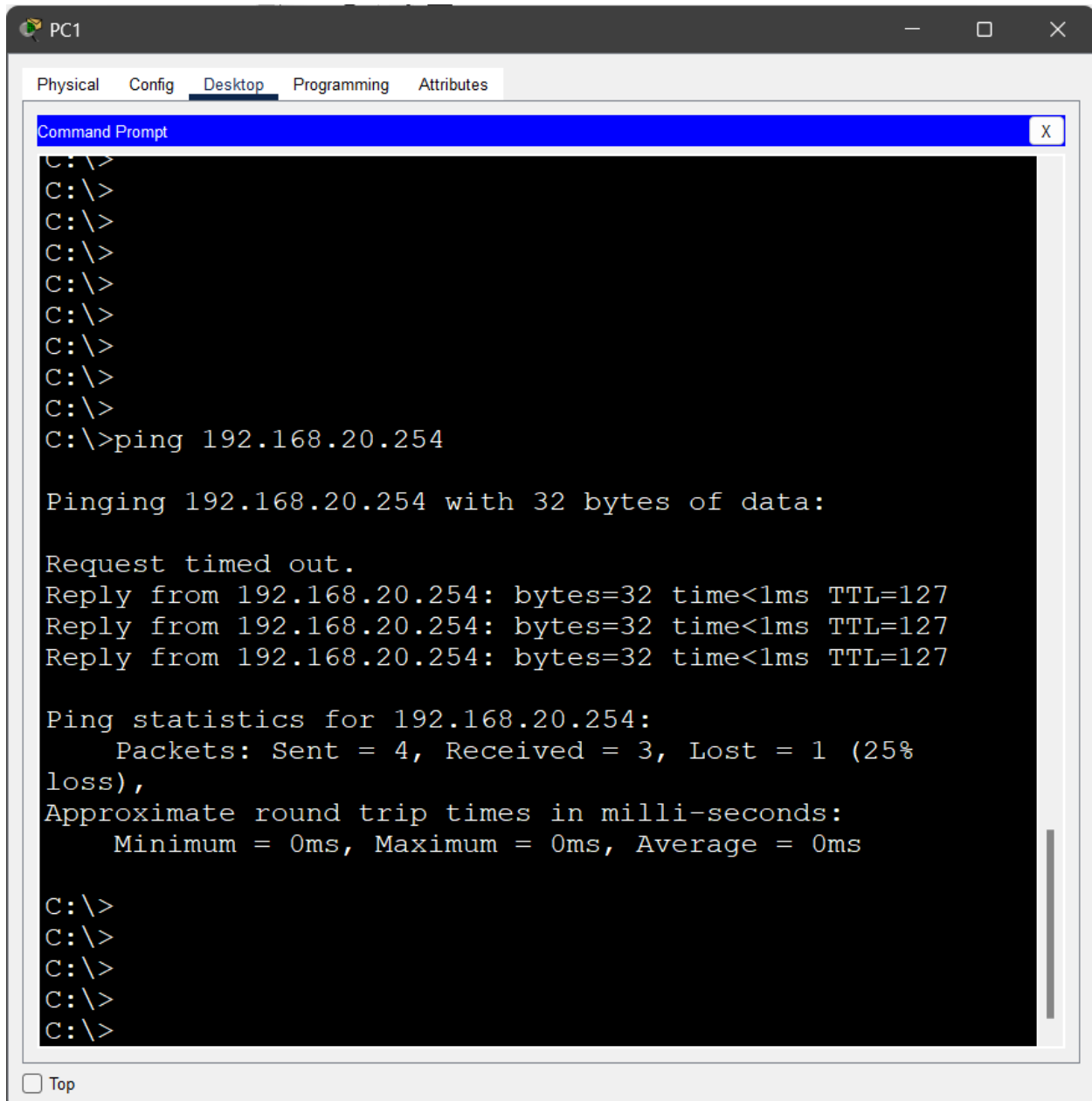
PhysicalConfigDesktopProgrammingAttributes

Command Prompt

C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>ping 192.168.40.1  
  
Pinging 192.168.40.1 with 32 bytes of data:  
  
Reply from 192.168.40.1: bytes=32 time<1ms TTL=255  
Reply from 192.168.40.1: bytes=32 time<1ms TTL=255  
Reply from 192.168.40.1: bytes=32 time=1ms TTL=255  
Reply from 192.168.40.1: bytes=32 time<1ms TTL=255  
  
Ping statistics for 192.168.40.1:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 0ms, Maximum = 1ms, Average = 0ms  
  
C:\>  
C:\>  
C:\>

☐ Top

One screenshot of command prompt from PC1 showing successful ping between PC1 and DNS\_Server

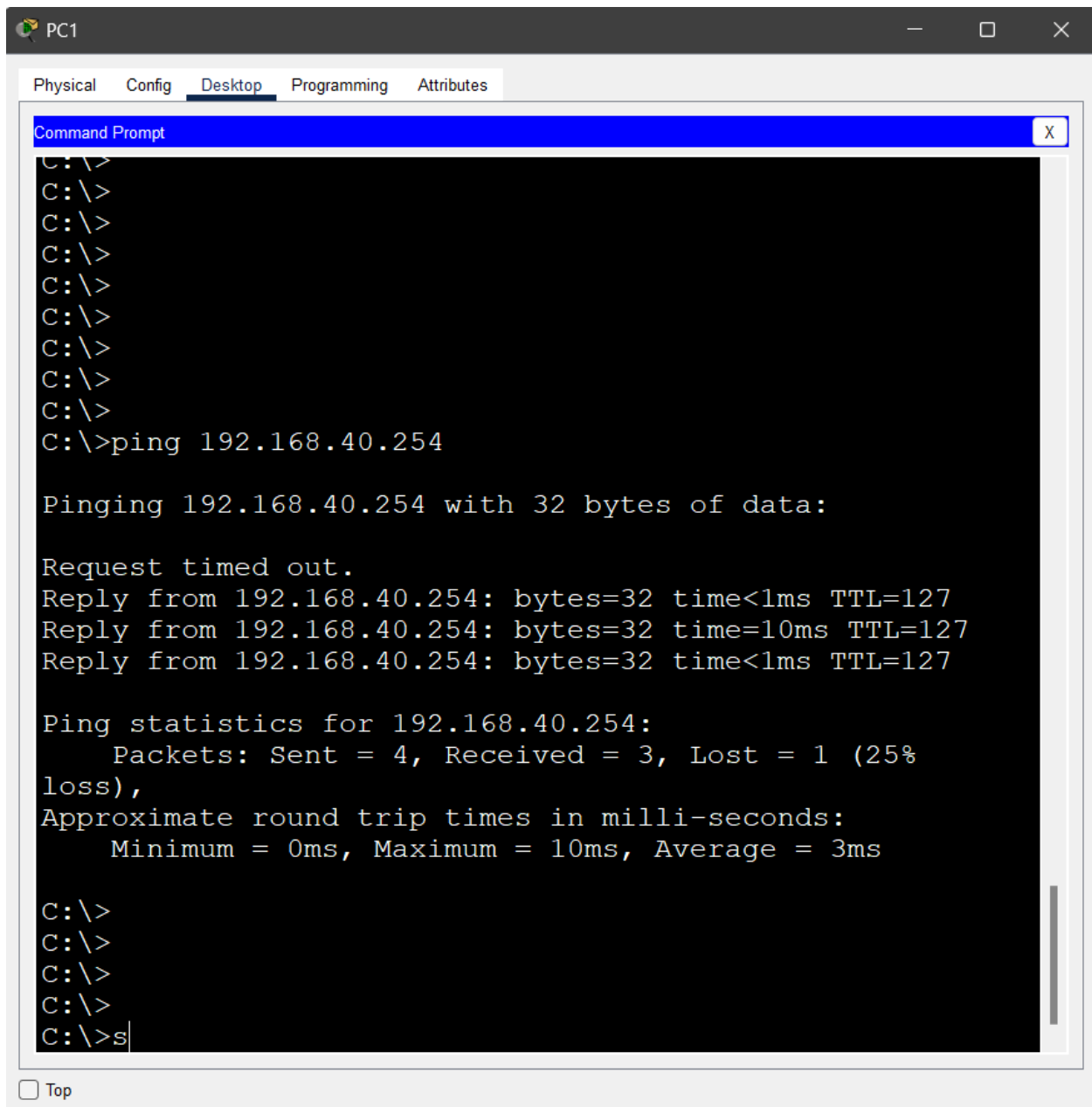


The screenshot shows a PC1 desktop environment with a window titled "PC1". The window has tabs for "Physical", "Config", "Desktop", "Programming", and "Attributes". The "Desktop" tab is active, and a "Command Prompt" window is open. The Command Prompt shows the following text:

```
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>ping 192.168.20.254  
  
Pinging 192.168.20.254 with 32 bytes of data:  
  
Request timed out.  
Reply from 192.168.20.254: bytes=32 time<1ms TTL=127  
Reply from 192.168.20.254: bytes=32 time<1ms TTL=127  
Reply from 192.168.20.254: bytes=32 time<1ms TTL=127  
  
Ping statistics for 192.168.20.254:  
    Packets: Sent = 4, Received = 3, Lost = 1 (25%  
loss),  
    Approximate round trip times in milli-seconds:  
        Minimum = 0ms, Maximum = 0ms, Average = 0ms  
  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>
```

At the bottom left of the Command Prompt window, there is a checkbox labeled "Top".

One screenshot of command prompt from PC1 showing successful ping between PC1 and Web\_Server

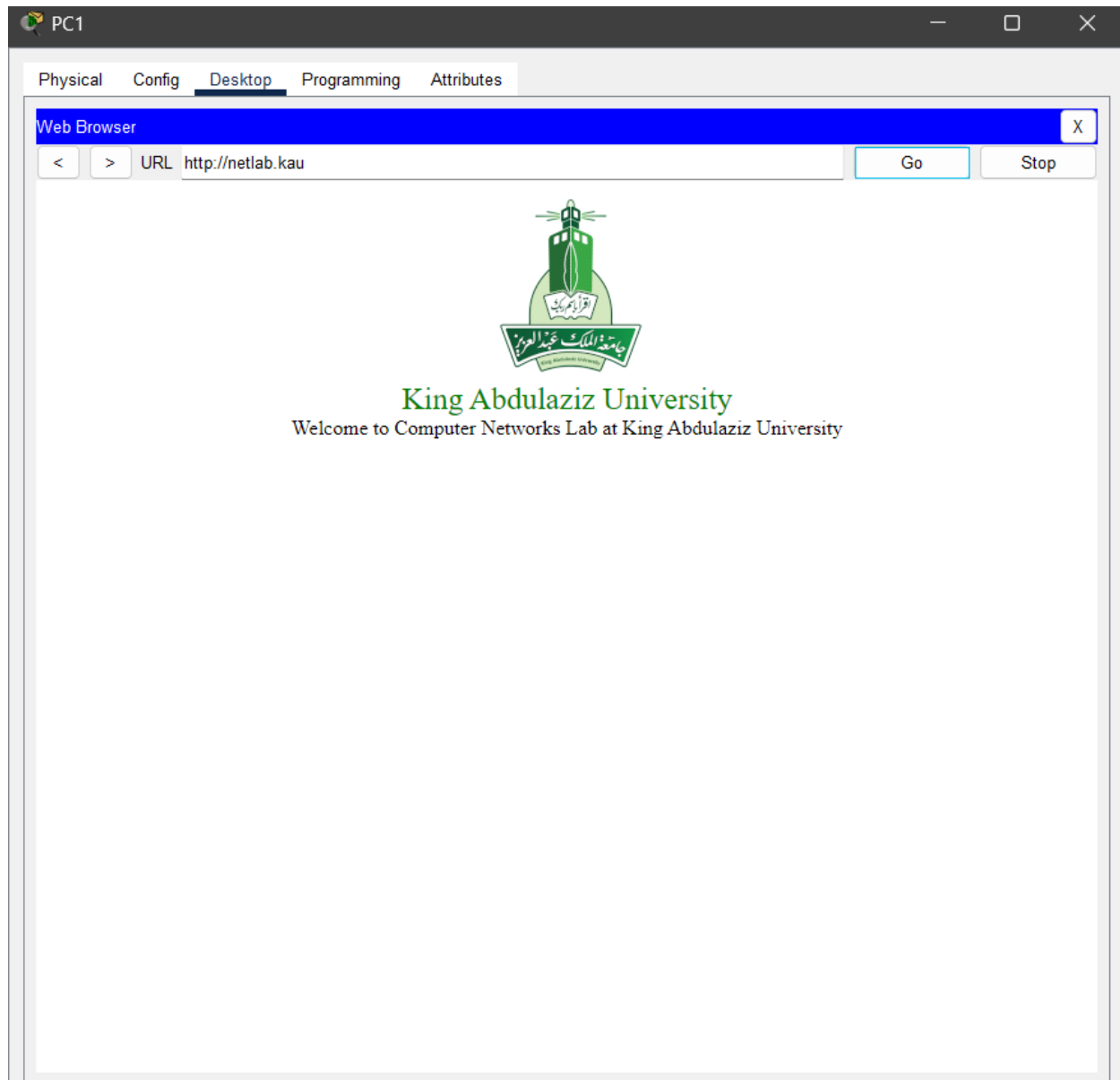


The screenshot shows a PC1 desktop environment with a taskbar at the top. The taskbar includes a Start button and several application icons. The desktop background is a light blue gradient. A window titled 'PC1' is open, showing a 'Command Prompt' window. The Command Prompt window has a title bar with 'PC1' and standard window controls. The Command Prompt window is divided into tabs: 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes'. The 'Desktop' tab is selected. The Command Prompt window shows the following text:

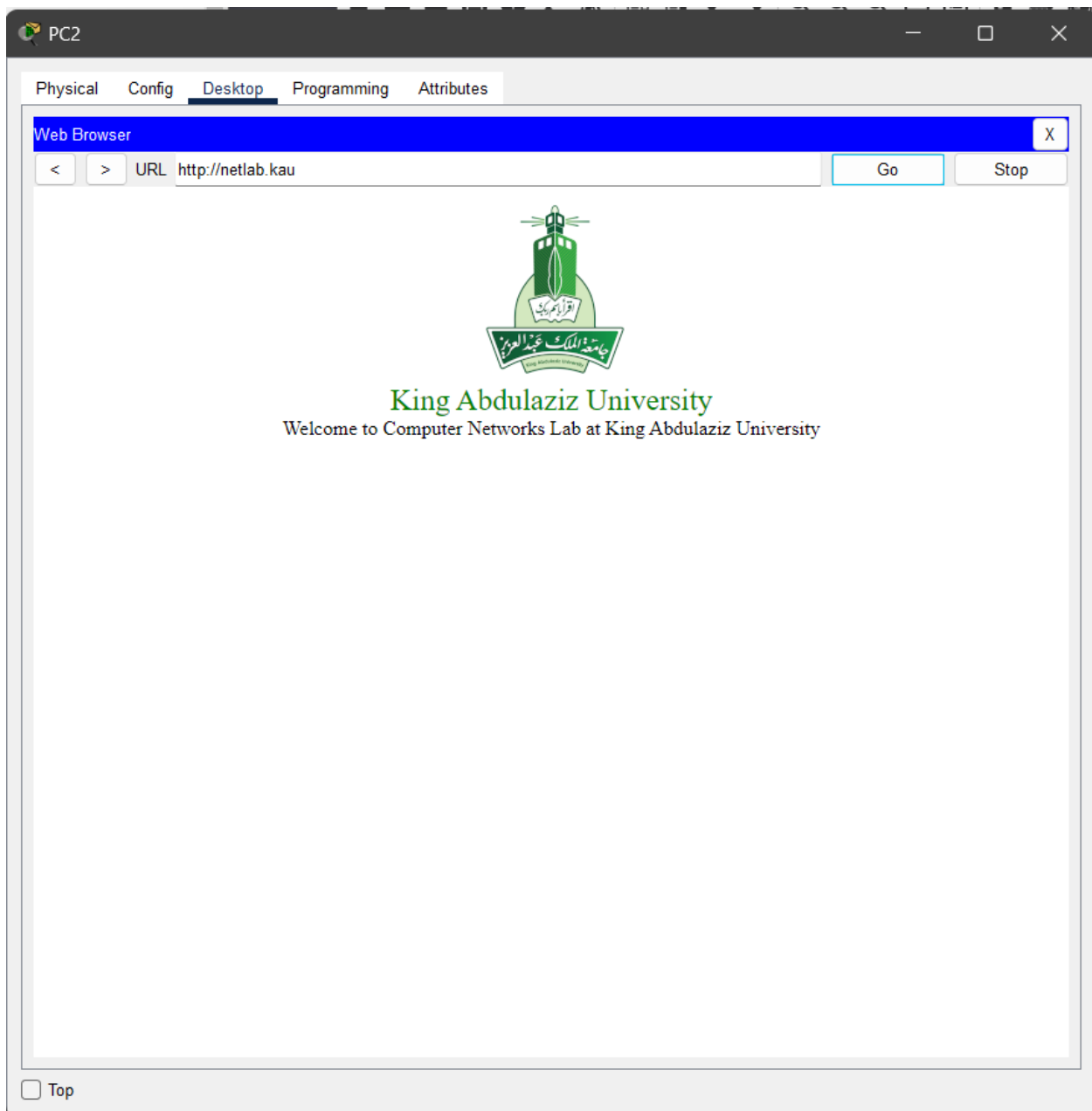
```
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>ping 192.168.40.254  
  
Pinging 192.168.40.254 with 32 bytes of data:  
  
Request timed out.  
Reply from 192.168.40.254: bytes=32 time<1ms TTL=127  
Reply from 192.168.40.254: bytes=32 time=10ms TTL=127  
Reply from 192.168.40.254: bytes=32 time<1ms TTL=127  
  
Ping statistics for 192.168.40.254:  
    Packets: Sent = 4, Received = 3, Lost = 1 (25%  
loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 0ms, Maximum = 10ms, Average = 3ms  
  
C:\>  
C:\>  
C:\>  
C:\>  
C:\>s
```

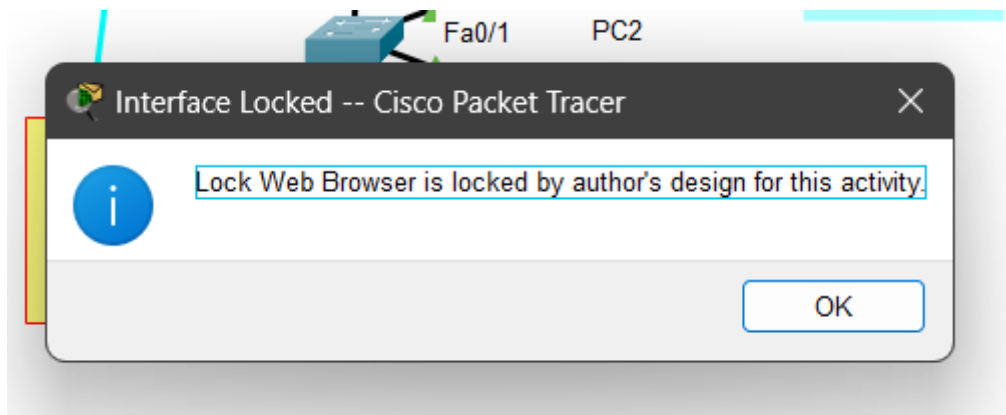
At the bottom of the Command Prompt window, there is a checkbox labeled 'Top'.

Three screenshots of Web Browser from all PCs showing the web page ( <http://netlab.kau> )









Not work in pc3 web