

## Lab1: Static routing:

### Ping command output:

```
Physical  Config  Desktop  Programming  Attributes
Command Prompt
C:\>ping 192.168.4.2

Pinging 192.168.4.2 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Reply from 192.168.4.2: bytes=32 time<1ms TTL=125

Ping statistics for 192.168.4.2:
    Packets: Sent = 4, Received = 1, Lost = 3 (75% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.4.2

Pinging 192.168.4.2 with 32 bytes of data:

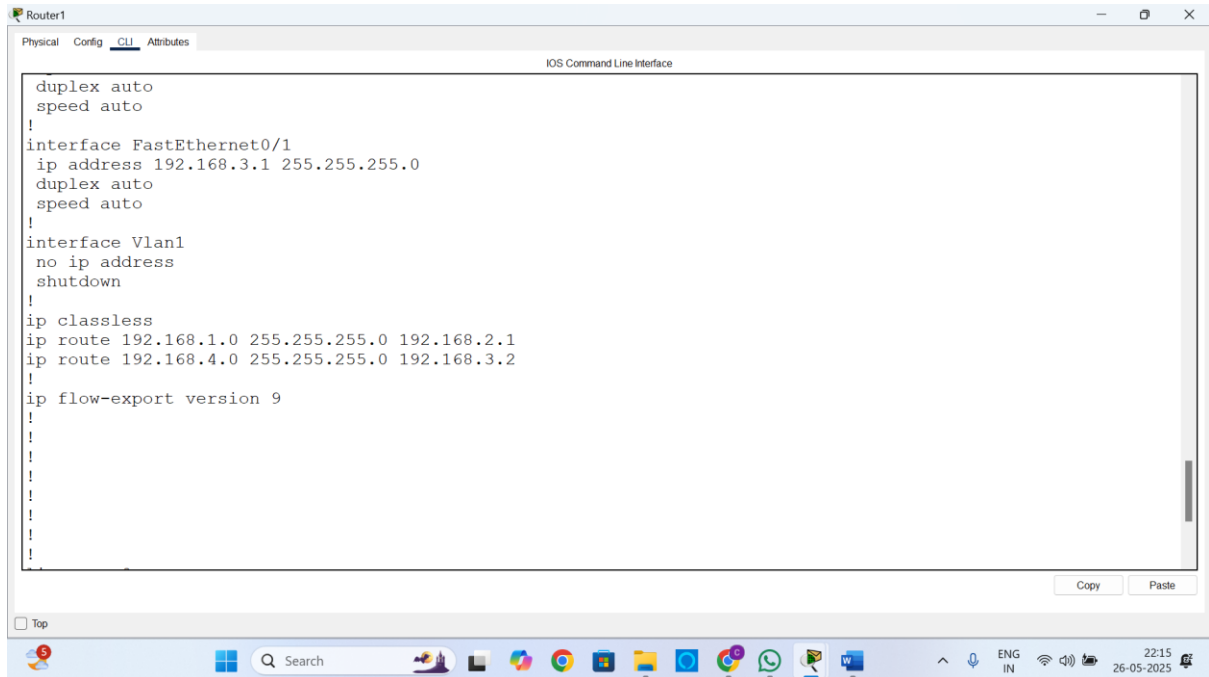
Reply from 192.168.4.2: bytes=32 time<1ms TTL=125
Reply from 192.168.4.2: bytes=32 time=12ms TTL=125
Reply from 192.168.4.2: bytes=32 time<1ms TTL=125
Reply from 192.168.4.2: bytes=32 time<1ms TTL=125

Ping statistics for 192.168.4.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 12ms, Average = 3ms
```

### Router 0

```
!
!
!
interface FastEthernet0/0
 ip address 192.168.1.1 255.255.255.0
 duplex auto
 speed auto
!
interface FastEthernet0/1
 ip address 192.168.2.1 255.255.255.0
 duplex auto
 speed auto
!
interface Vlan1
 no ip address
 shutdown
!
ip classless
ip route 192.168.3.0 255.255.255.0 192.168.2.2
ip route 192.168.4.0 255.255.255.0 192.168.2.2
!
ip flow-export version 9
!
!
!
```

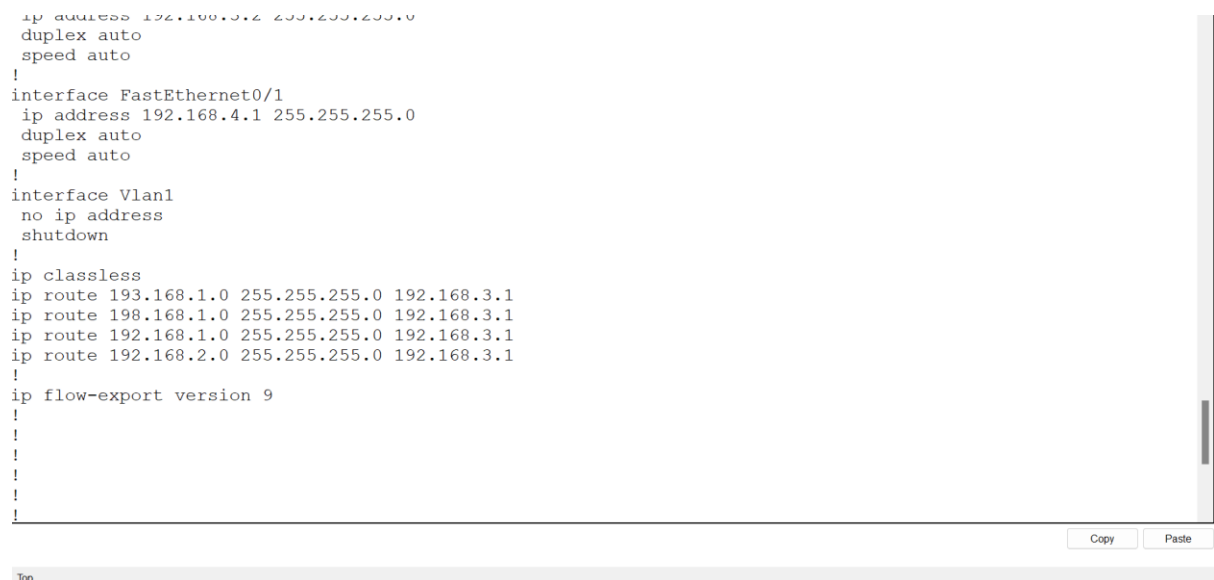
## Router 1

A screenshot of a network configuration window titled "Router1". The window has tabs for "Physical", "Config", "CLI", and "Attributes", with "CLI" selected. The main area is labeled "IOS Command Line Interface" and contains the following configuration text:

```
duplex auto
speed auto
!
interface FastEthernet0/1
ip address 192.168.3.1 255.255.255.0
duplex auto
speed auto
!
interface Vlan1
no ip address
shutdown
!
ip classless
ip route 192.168.1.0 255.255.255.0 192.168.2.1
ip route 192.168.4.0 255.255.255.0 192.168.3.2
!
ip flow-export version 9
!
!
!
!
!
!
!
```

At the bottom right of the text area are "Copy" and "Paste" buttons. Below the text area is a "Top" button. The window is overlaid on a Windows taskbar showing various application icons and system status information like "ENG IN" and "22:15 26-05-2025".

## Router 2

A screenshot of a network configuration window for "Router 2". The window displays the following configuration text:

```
ip address 192.168.3.2 255.255.255.0
duplex auto
speed auto
!
interface FastEthernet0/1
ip address 192.168.4.1 255.255.255.0
duplex auto
speed auto
!
interface Vlan1
no ip address
shutdown
!
ip classless
ip route 193.168.1.0 255.255.255.0 192.168.3.1
ip route 198.168.1.0 255.255.255.0 192.168.3.1
ip route 192.168.1.0 255.255.255.0 192.168.3.1
ip route 192.168.2.0 255.255.255.0 192.168.3.1
!
ip flow-export version 9
!
!
!
!
!
!
```

At the bottom right of the text area are "Copy" and "Paste" buttons. Below the text area is a "Top" button.