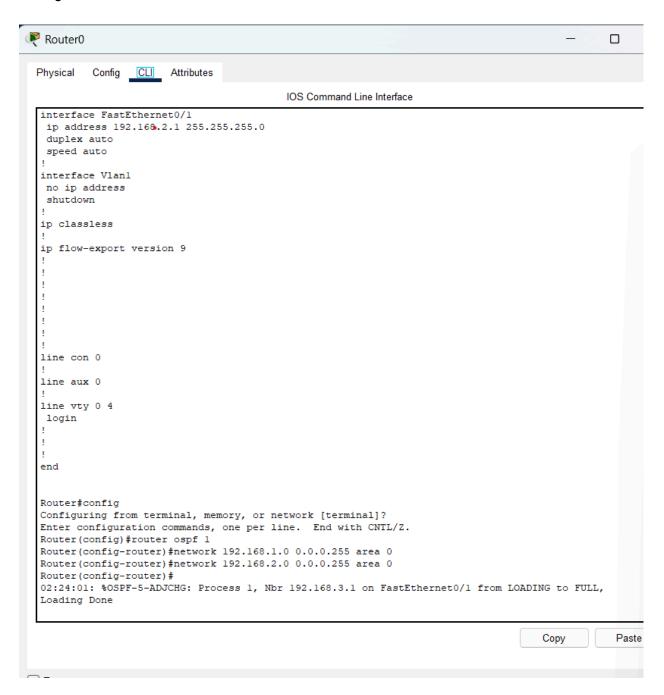
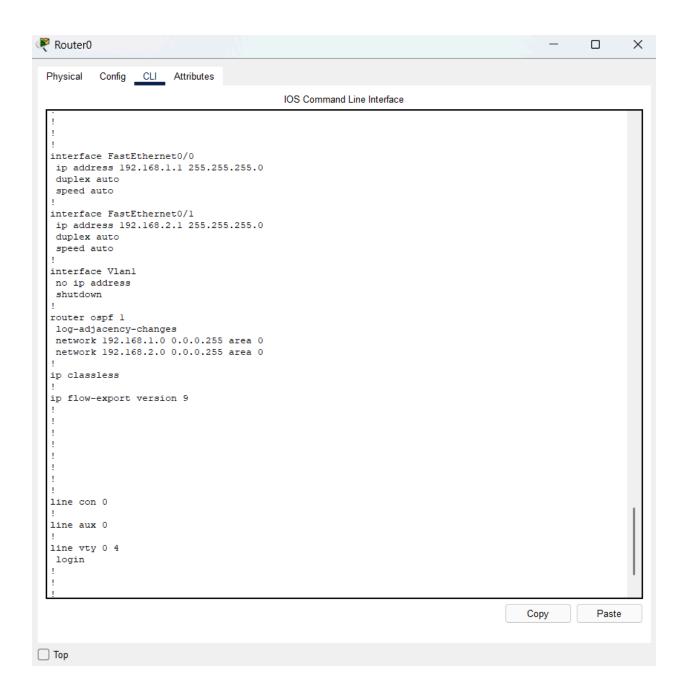
Adding networks and commands





```
Router0
                                                                                                    X
          Config CLI Attributes
 Physical
                                            IOS Command Line Interface
  end
  Router# show ip route
  Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
         D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
         N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
         El - OSPF external type 1, E2 - OSPF external type 2, E - EGP i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
         * - candidate default, U - per-user static route, o - ODR
         P - periodic downloaded static route
  Gateway of last resort is not set
       192.168.1.0/24 is directly connected, FastEthernet0/0
       192.168.2.0/24 is directly connected, FastEthernet0/1
       192.168.3.0/24 [110/2] via 192.168.2.2, 00:06:08, FastEthernet0/1
       192.168.4.0/24 [110/3] via 192.168.2.2, 00:04:32, FastEthernet0/1
  0
  Router#show ip route ospf
      192.168.3.0 [110/2] via 192.168.2.2, 00:06:18, FastEthernet0/1
  0
       192.168.4.0 [110/3] via 192.168.2.2, 00:04:42, FastEthernet0/1
  Router#show ip protocols
  Routing Protocol is "ospf 1"
    Outgoing update filter list for all interfaces is not set
    Incoming update filter list for all interfaces is not set
    Router ID 192.168.2.1
    Number of areas in this router is 1. 1 normal 0 stub 0 nssa
    Maximum path: 4
    Routing for Networks:
      192.168.1.0 0.0.0.255 area 0
      192.168.2.0 0.0.0.255 area 0
    Routing Information Sources:
                     Distance
                                     Last Update
      Gateway
                                    00:07:01
      192.168.2.1
                           110
      192.168.3.1
                           110
                                    00:05:32
      192.168.4.1
                           110
                                     00:04:56
    Distance: (default is 110)
  Router#
                                                                                        Сору
                                                                                                     Paste
☐ Top
```

```
Router#show ip ospf interface fa0/0
FastEthernet0/0 is up, line protocol is up
 Internet address is 192.168.1.1/24, Area 0
  Process ID 1, Router ID 192.168.2.1, Network Type BROADCAST, Cost: 1
 Transmit Delay is 1 sec, State DR, Priority 1
 Designated Router (ID) 192.168.2.1, Interface address 192.168.1.1
 No backup designated router on this network
 Timer intervals configured, Hello 10, Dead 40, Wait 40, Retransmit 5
   Hello due in 00:00:08
  Index 1/1, flood queue length 0
 Next 0x0(0)/0x0(0)
  Last flood scan length is 1, maximum is 1
  Last flood scan time is 0 msec, maximum is 0 msec
  Neighbor Count is 0, Adjacent neighbor count is 0
  Suppress hello for 0 neighbor(s)
Router#show ip ospf neighbor
                                      Dead Time Address
00:00:39 192.168.2.2
               Pri State
1 FULL/BDR
Neighbor ID
                                                                  Interface
                                     00:00:39
192.168.3.1
                                                                  FastEthernet0/1
Router#show ip ospf database
           OSPF Router with ID (192.168.2.1) (Process ID 1)
               Router Link States (Area 0)
              ADV Router
192.168.2.1
Link ID
                               Age
                                            Sea#
                                                       Checksum Link count
192.168.2.1
                               508
                                            0x80000003 0x0034fl 2
192.168.3.1
                192.168.3.1
                                419
                                            0x80000004 0x00b8f9 2
192.168.4.1
                                           0x80000003 0x0052c9 2
              192.168.4.1
                              383
                Net Link States (Area 0)
Link ID
                ADV Router
                               Age
                                            Sea#
                                                       Checksum
192.168.2.1
               192.168.2.1
                                            0x80000001 0x00df68
                                508
192.168.3.1
               192.168.3.1
                                            0x80000001 0x002816
                               419
Router#
```

Сору

Paste

] Тор

___ Тор

Ping command

```
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=4ms 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
Reply from 192.168.4.2: bytes=32 time=4ms 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 = 4ms, Average = 2ms
C:\>
```