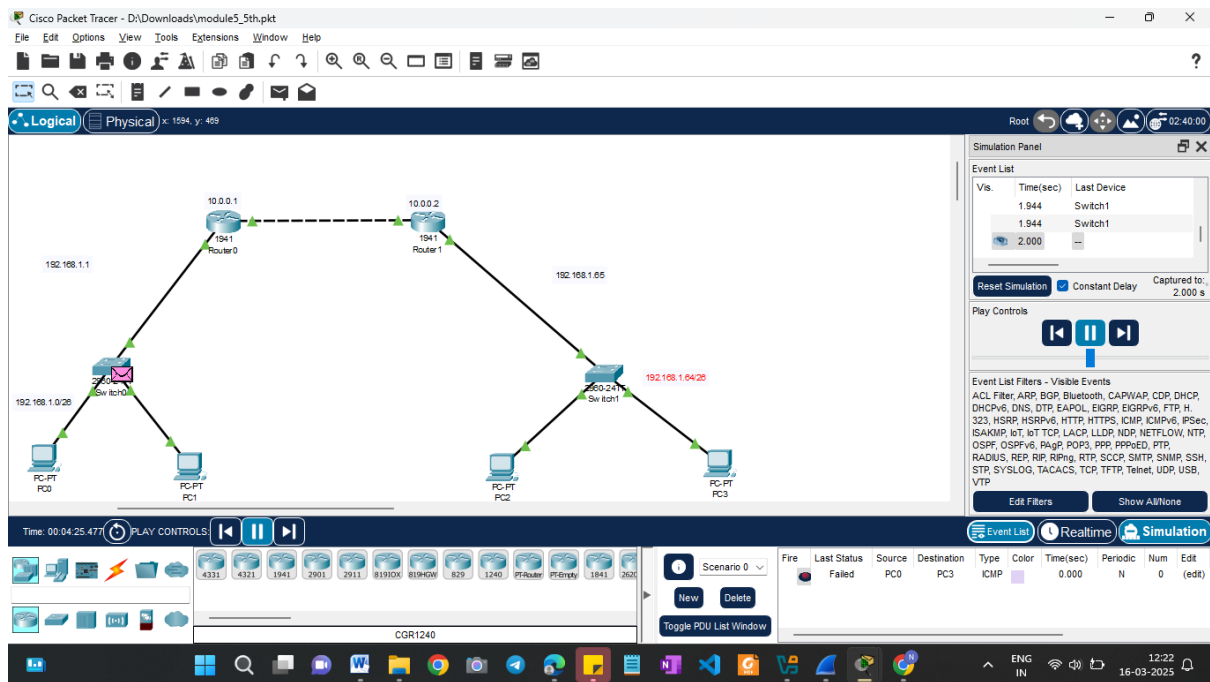


Q2. Manually configure static routes on a router to direct packets to different subnets. Use the ip route command and verify connectivity using ping and traceroute.



```

Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.64

Pinging 192.168.1.64 with 32 bytes of data:

Request timed out.
Reply from 10.0.0.2: bytes=32 time=6ms TTL=254
Reply from 10.0.0.2: bytes=32 time=6ms TTL=254
Reply from 10.0.0.2: bytes=32 time=6ms TTL=254

Ping statistics for 192.168.1.64:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 6ms, Maximum = 6ms, Average = 6ms
C:\>

```

```

C:\>tracert 192.168.1.67

Tracing route to 192.168.1.67 over a maximum of 30 hops:

  1  37 ms    0 ms     0 ms     192.168.1.1
  2  *         15 ms    0 ms     10.0.0.2

```