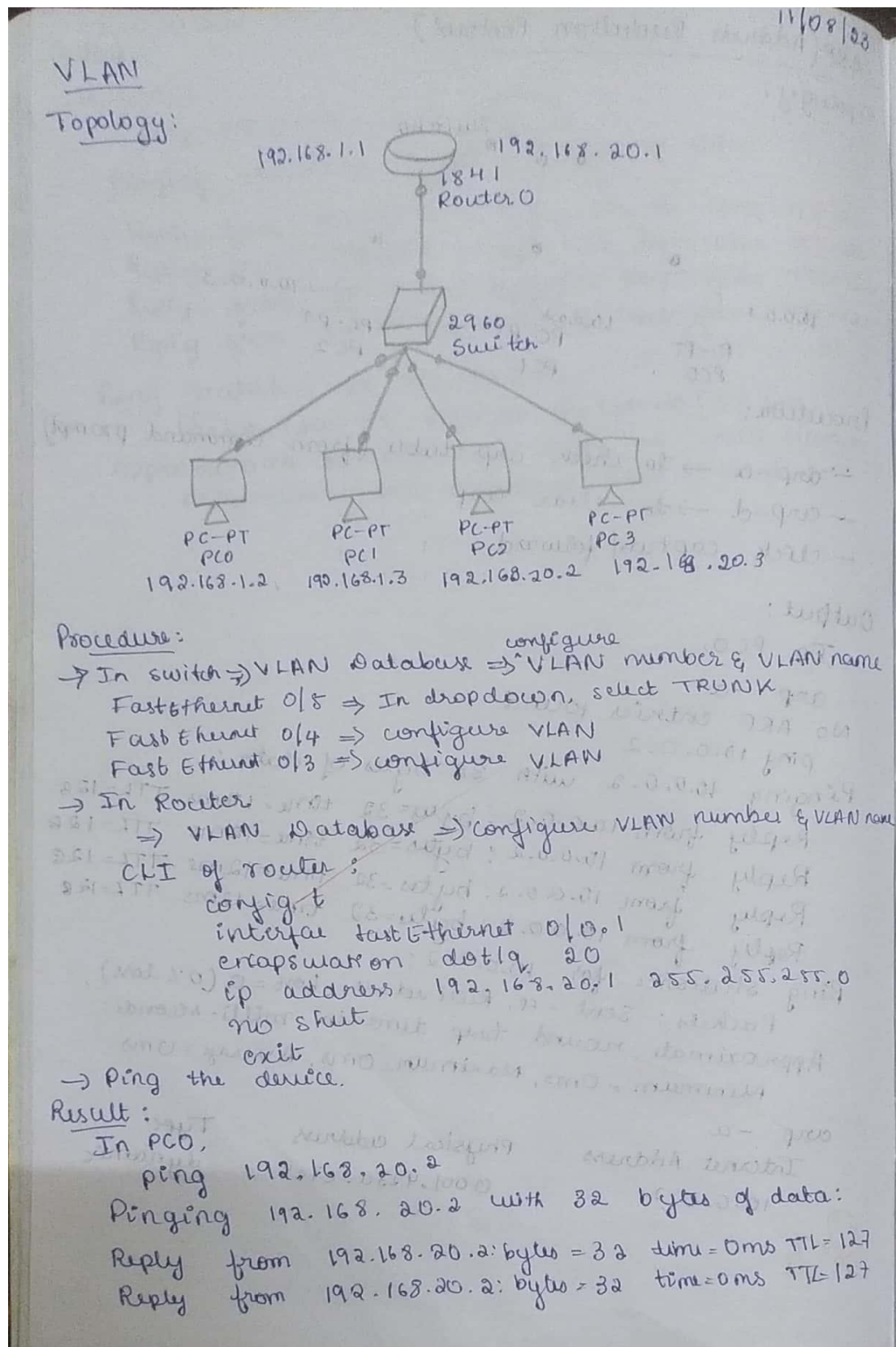
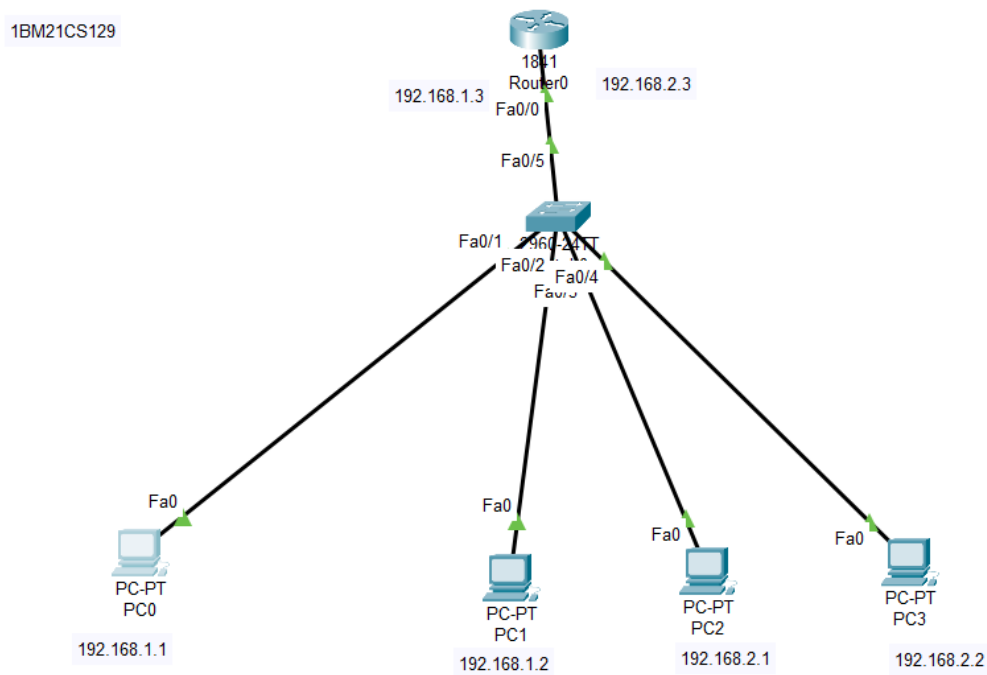


To construct a VLAN and make the PC's communicate among a VLAN

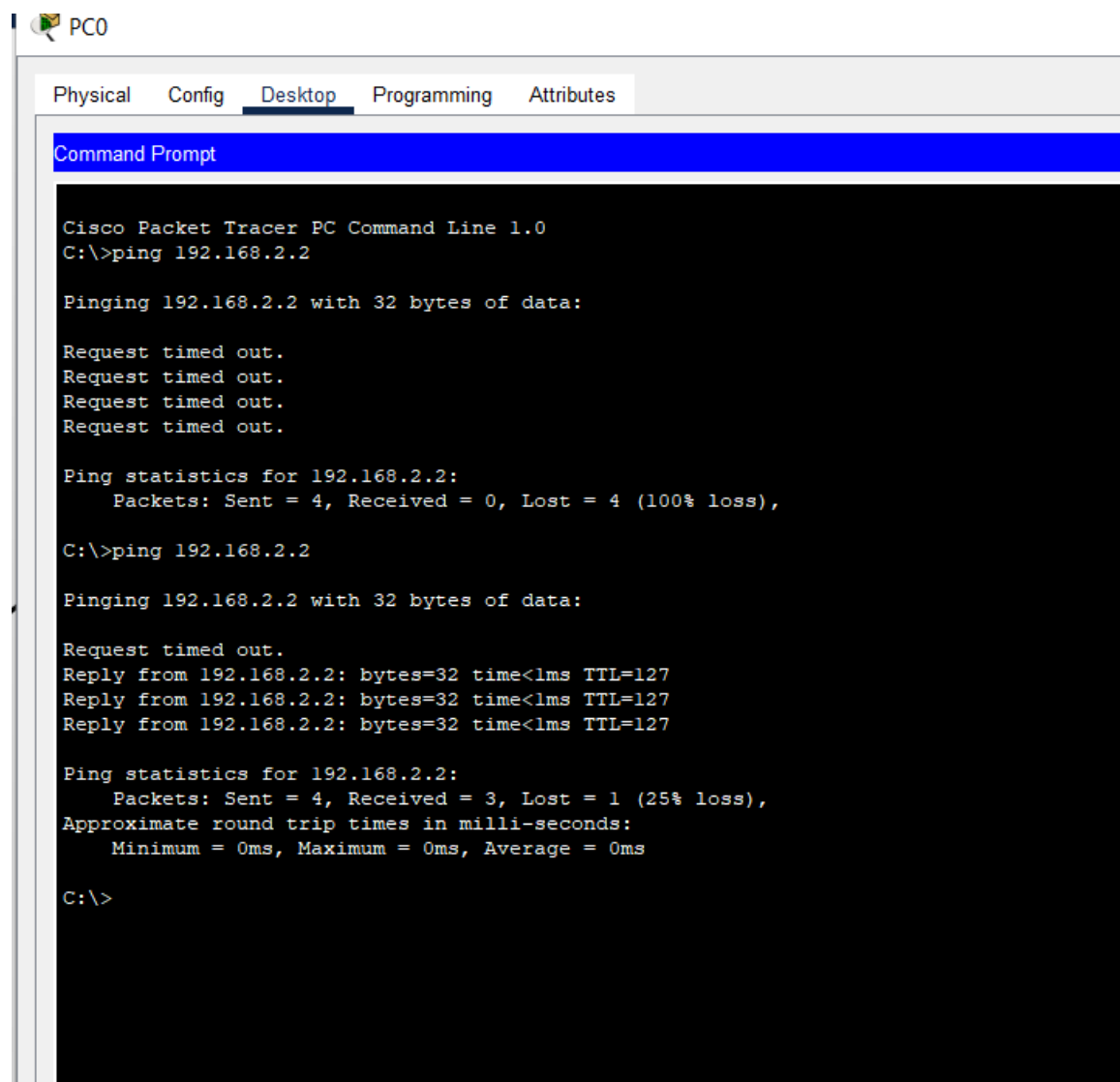


Reply from 192.168.20.2: bytes=32 time=0ms TTL=127
 Reply from 192.168.20.2: bytes=32 time=0ms TTL=127
 Ping statistics for 192.168.20.2:
 Packets: sent = 4, Received = 4, Lost = 0 (0% loss)
 Approximate round trip times in milli-seconds:
 Minimum = 0ms, Maximum = 0ms, Average = 0ms

Topology:



Output:



The image shows a screenshot of the Cisco Packet Tracer interface for PC0. The 'Desktop' tab is selected, displaying a 'Command Prompt' window. The command prompt shows the execution of two ping commands to the IP address 192.168.2.2. The first command results in a 100% loss of packets, while the second command results in a 25% loss of packets. The interface includes tabs for Physical, Config, Desktop, Programming, and Attributes.

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.2.2

Pinging 192.168.2.2 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.2.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 192.168.2.2

Pinging 192.168.2.2 with 32 bytes of data:

Request timed out.
Reply from 192.168.2.2: bytes=32 time<1ms TTL=127
Reply from 192.168.2.2: bytes=32 time<1ms TTL=127
Reply from 192.168.2.2: bytes=32 time<1ms TTL=127

Ping statistics for 192.168.2.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```