## Program 2

To demonstrate configuration of IP addresses to the Routers and explore ping command.

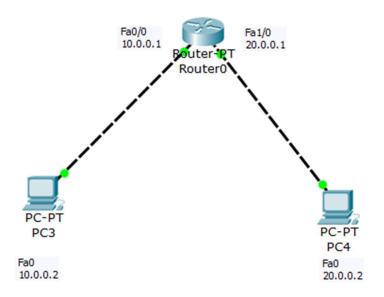


Figure 7: Topology

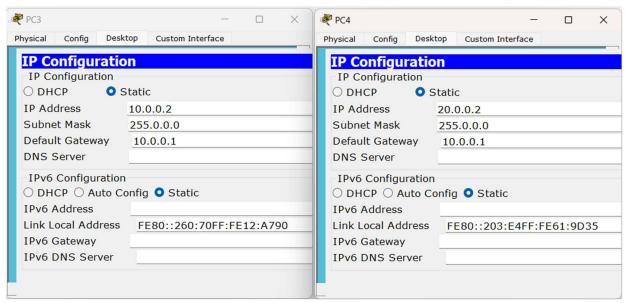


Figure 8: IP addresses

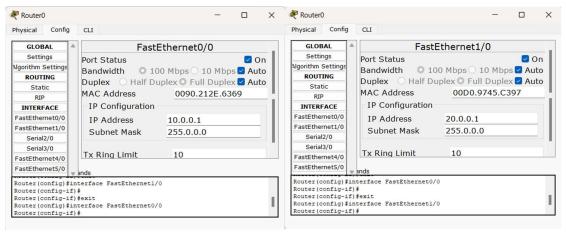


Figure 9: Router Fa0/0

Figure 10: Router Fa1/0

```
Packet Tracer PC Command Line 1.0
PC>ping 10.0.0.2
Pinging 10.0.0.2 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Ping statistics for 10.0.0.2:
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
PC>ping 10.0.0.2
Pinging 10.0.0.2 with 32 bytes of data:
Reply from 10.0.0.2: bytes=32 time=0ms TTL=255
Reply from 10.0.0.2: bytes=32 time=0ms TTL=25
```

Figure 11: ping command output

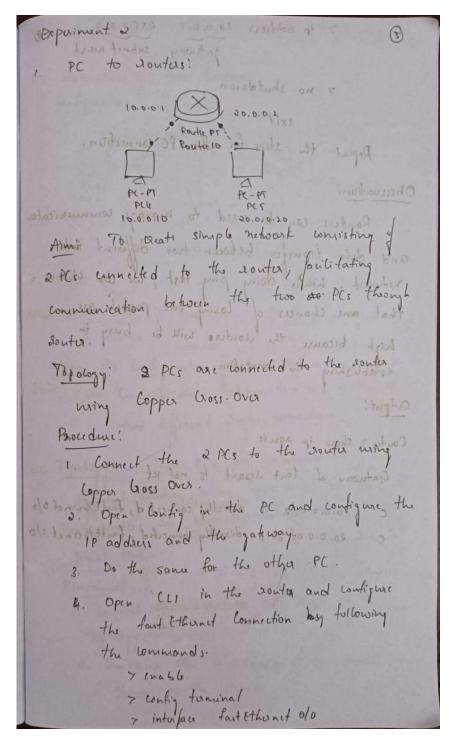


Figure 12: Observation book 1

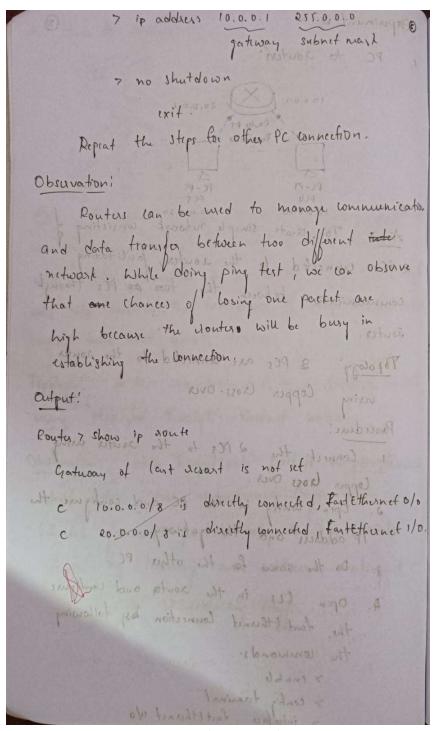


Figure 13: Observation Book 2