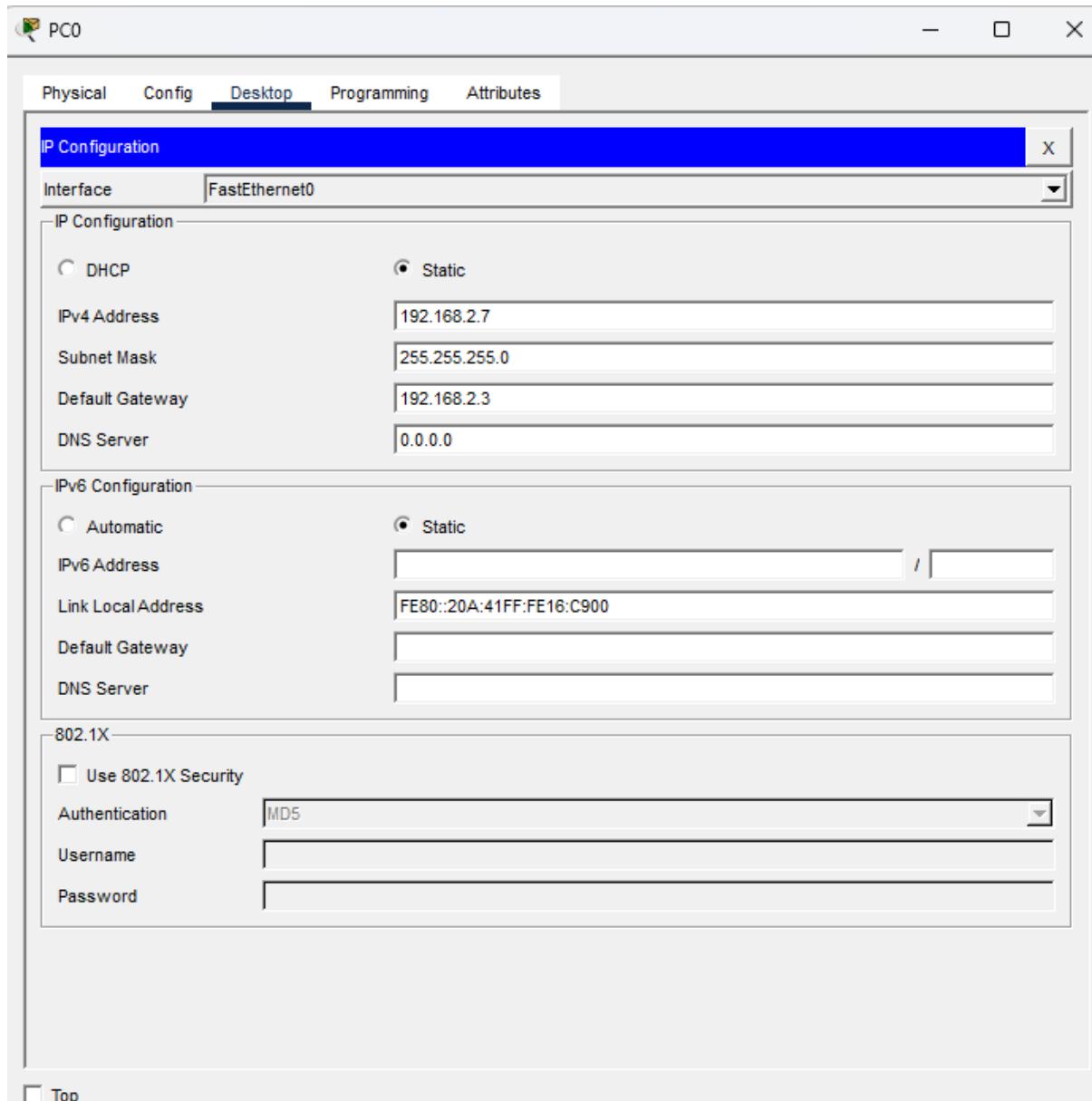


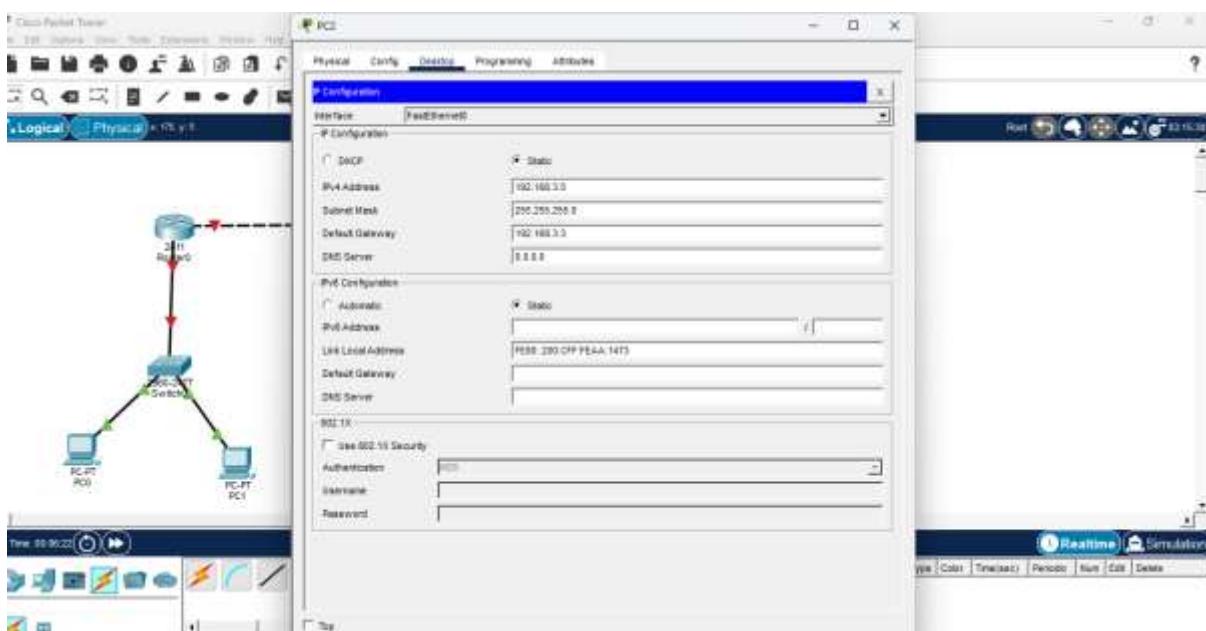
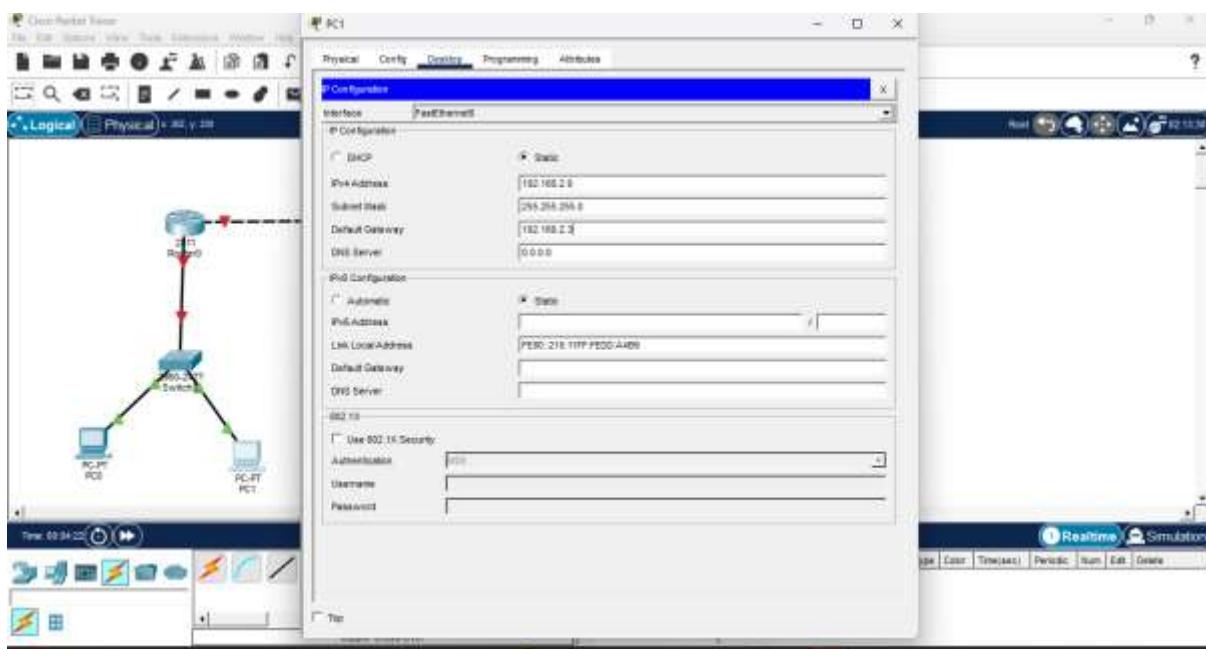
Routing at Network Layer:

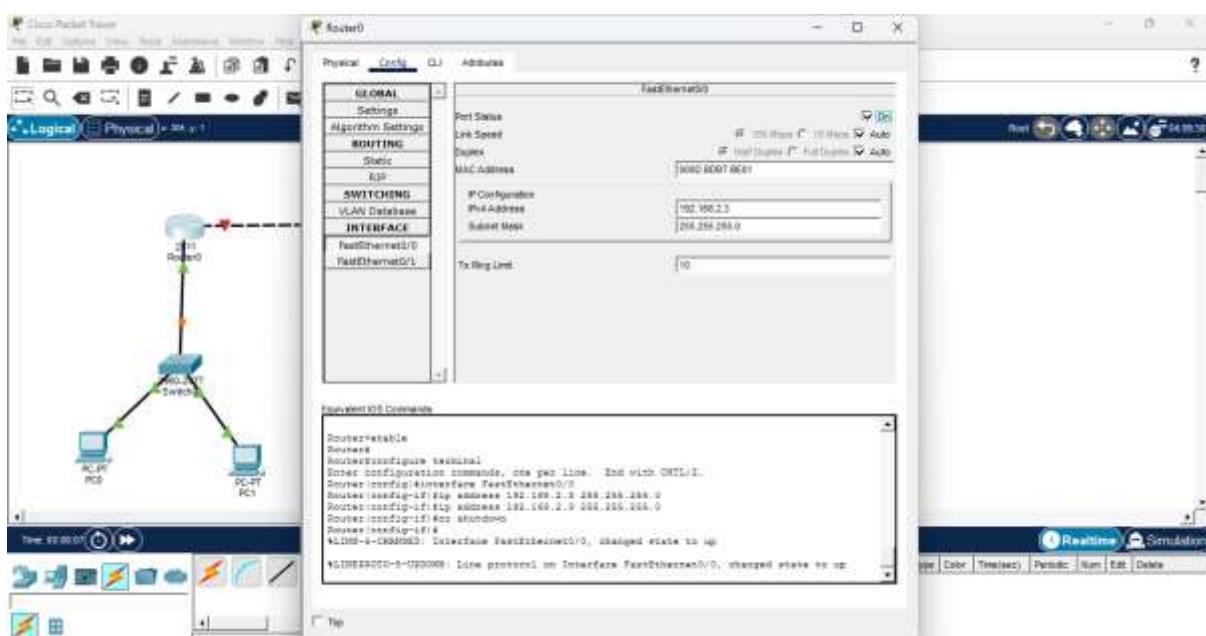
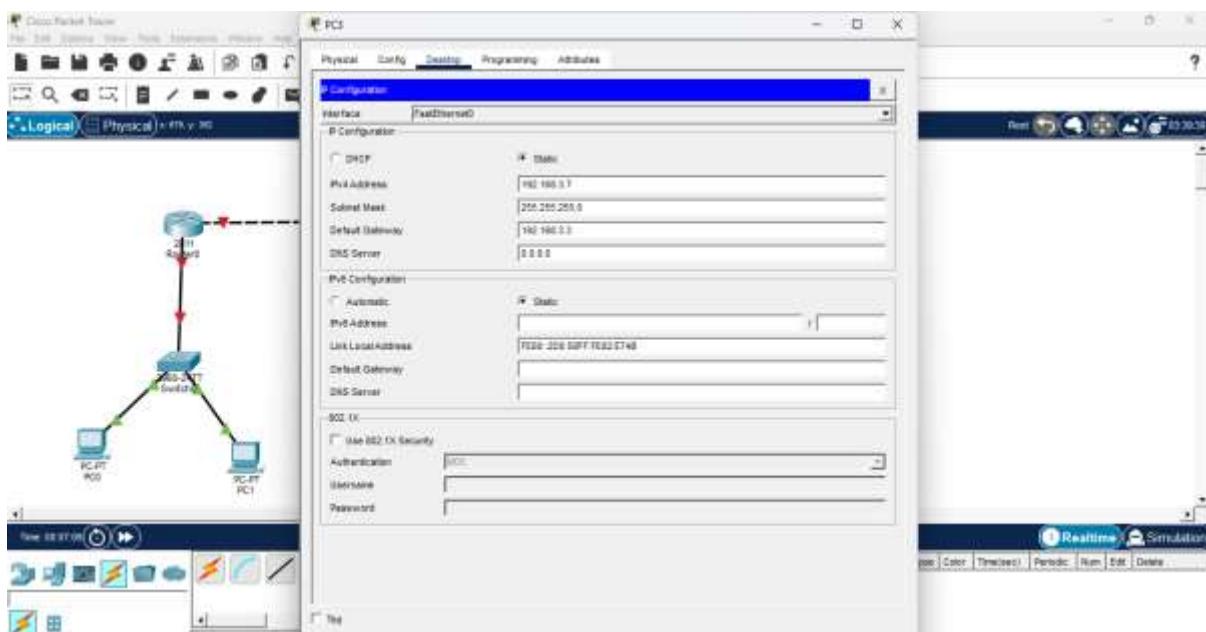
- a) Simulate Static Routing Protocol Configuration using CISCO Packet Tracer.

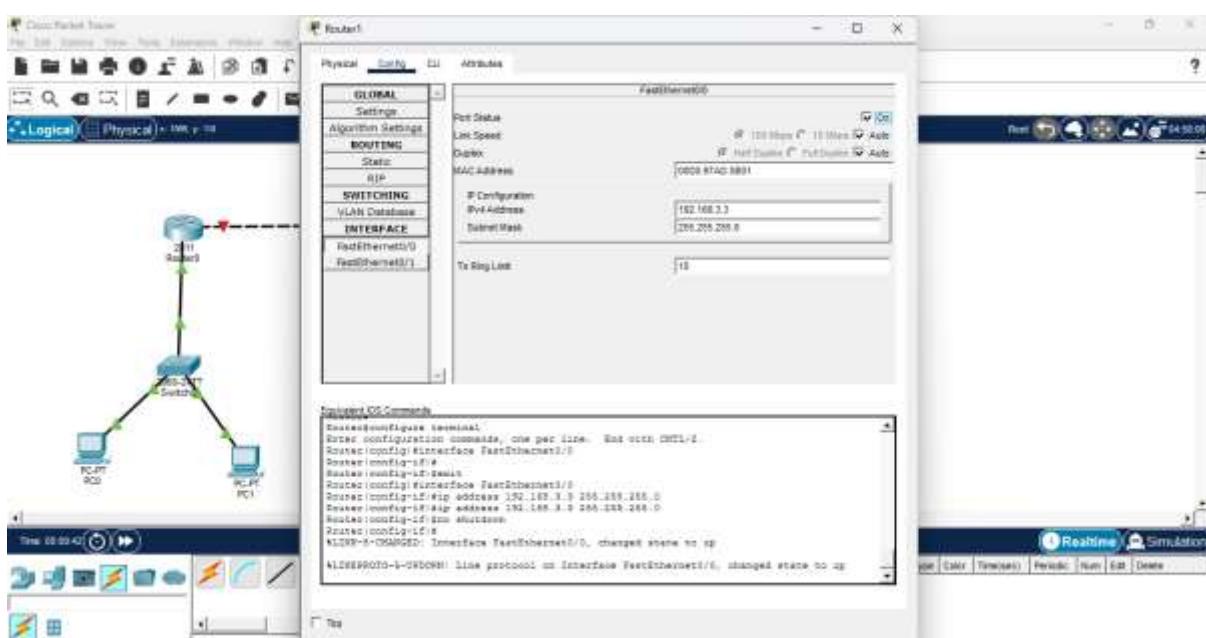
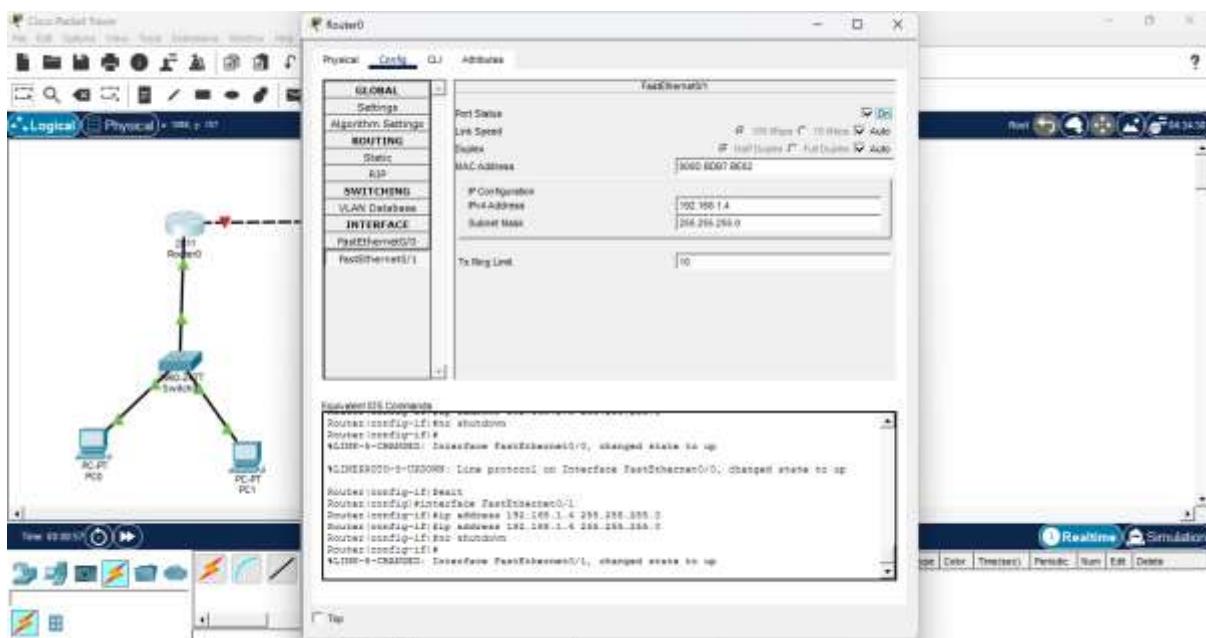
Aim:

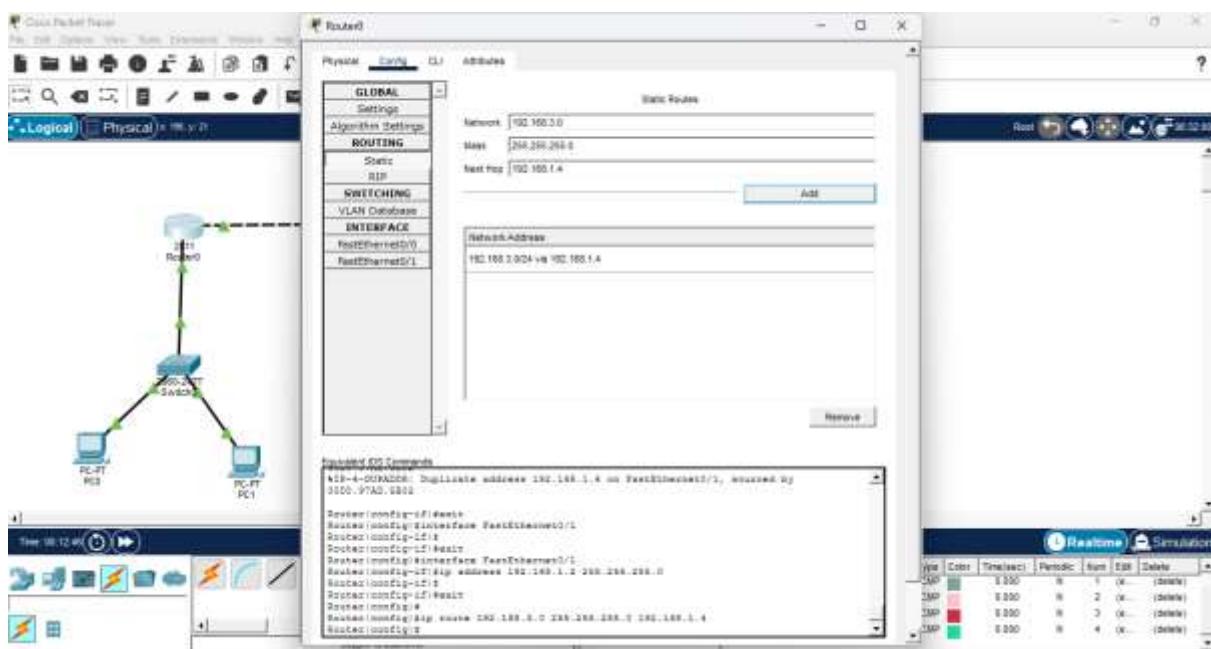
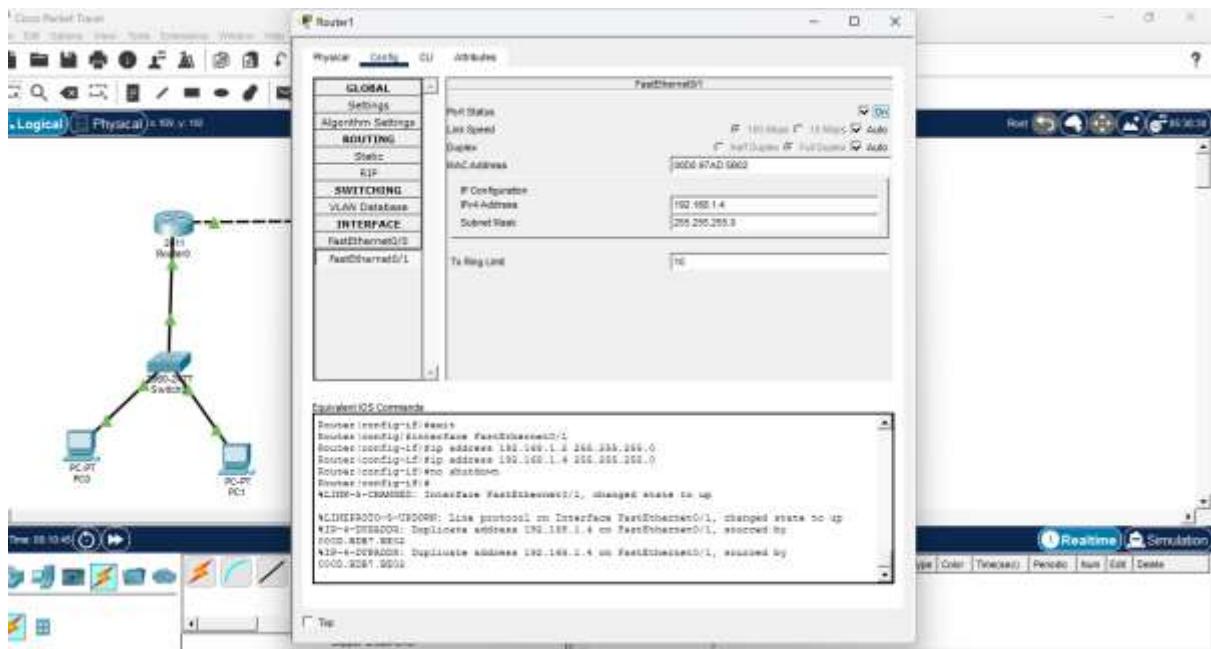
To simulate and configure **Static Routing** between multiple routers in Cisco Packet Tracer for successful communication between different networks.

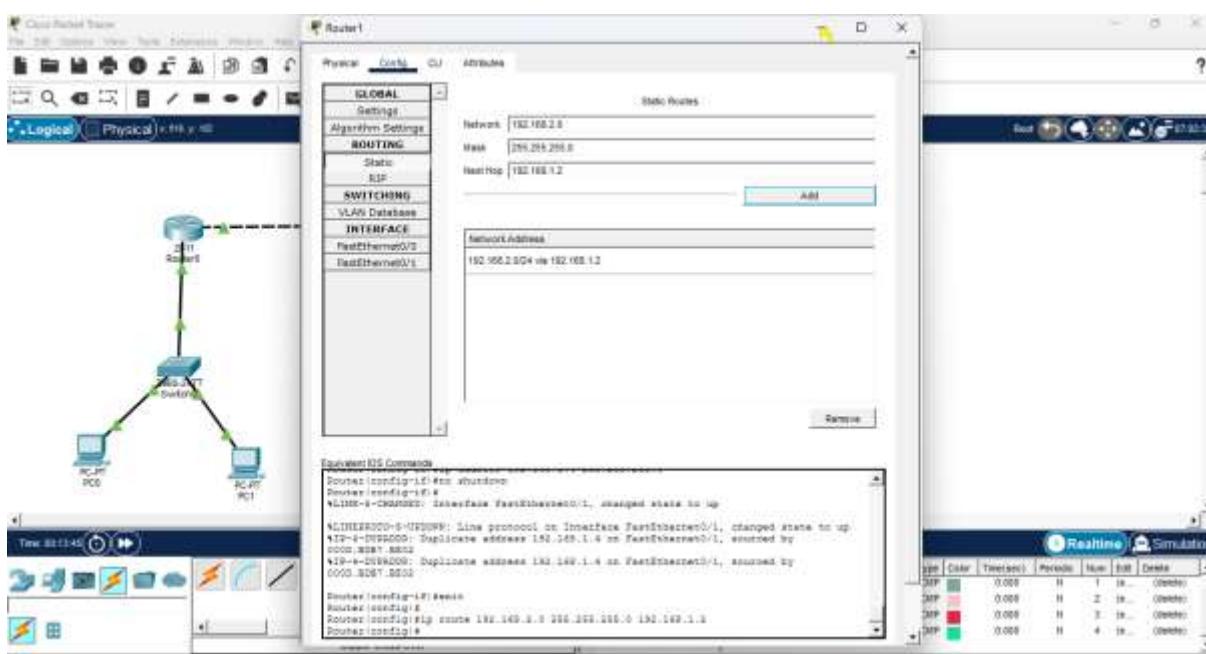
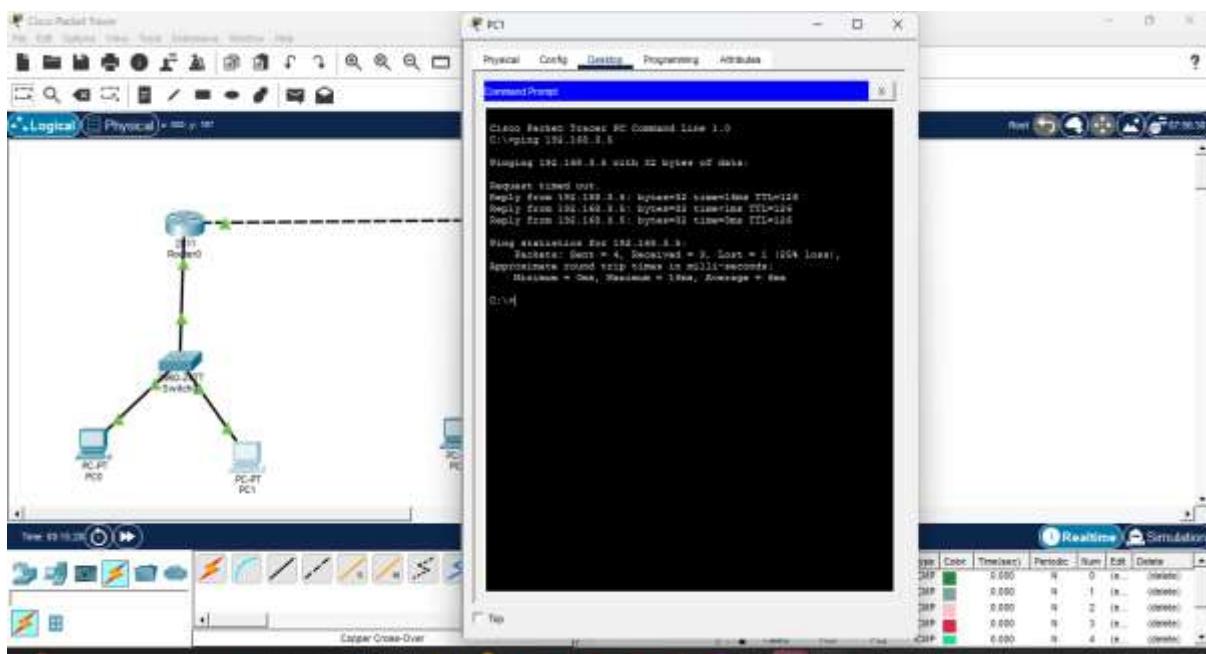












| Fire | Last Status | Source | Destination | Type | Color | Time(sec) | Periodic | Num | Edit | Delete |
|------|-------------|--------|-------------|------|---------|-----------|----------|-----|--------|----------|
| | Successful | PC2 | Router1 | ICMP | Red | 0.000 | N | 3 | (e...) | (delete) |
| | Failed | PC0 | PC2 | ICMP | Green | 0.000 | N | 4 | (e...) | (delete) |
| | Successful | PC0 | PC1 | ICMP | Purple | 0.000 | N | 5 | (e...) | (delete) |
| | Successful | PC1 | PC2 | ICMP | Magenta | 0.000 | N | 6 | (e...) | (delete) |

Result:

Static routing protocol was successfully configured. Routers automatically shared routing information, and all networks communicated dynamically without manual route entries.