Problem Statement 12:

1. Make a Network using 2 PC's and 8 Routers:
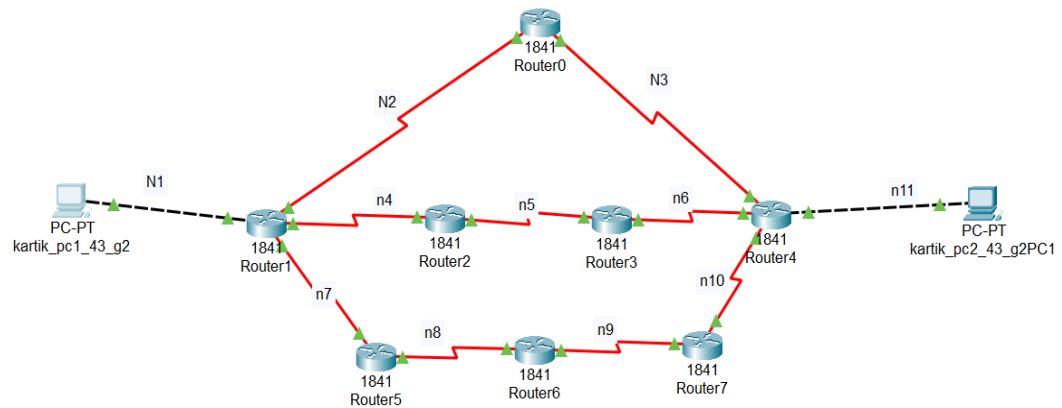
2. Set IP Addressing to PCs
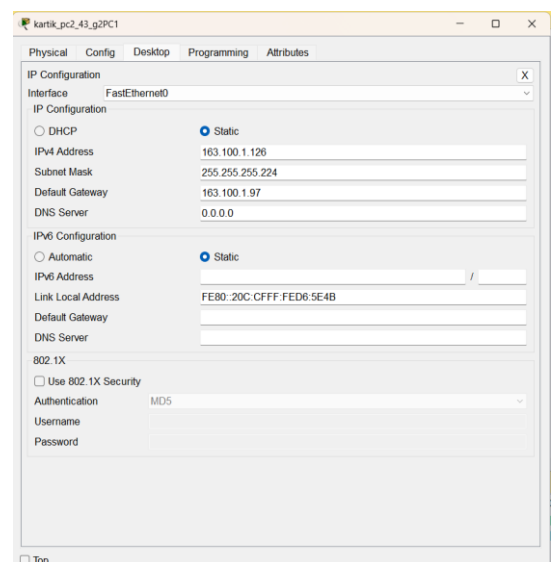
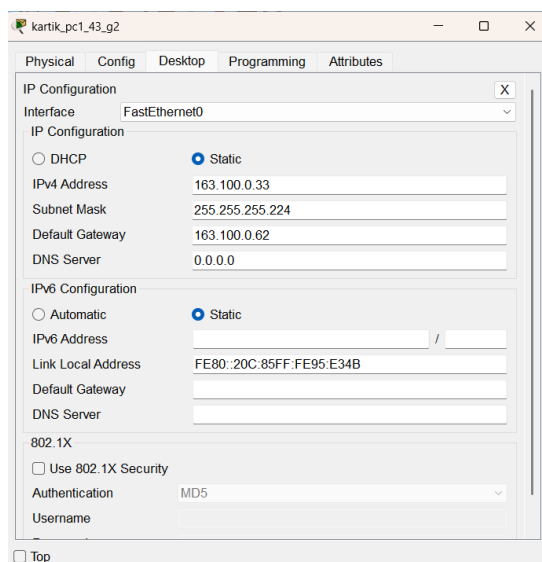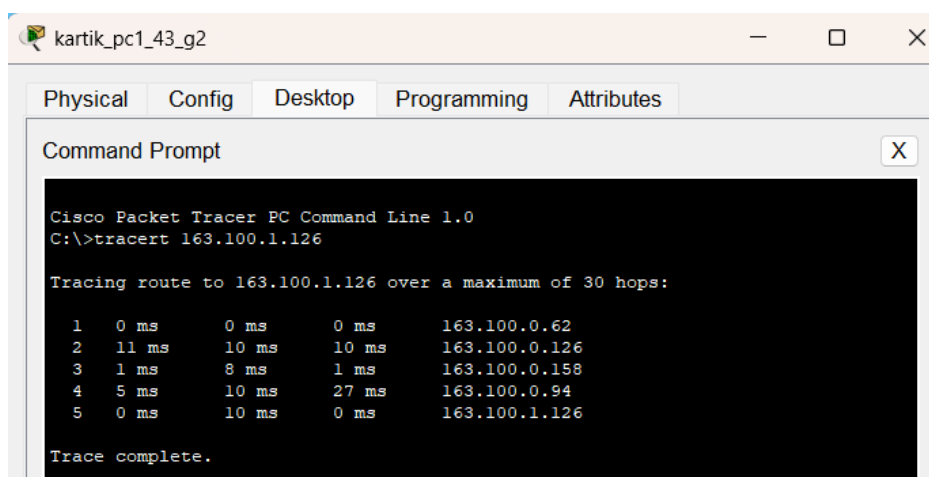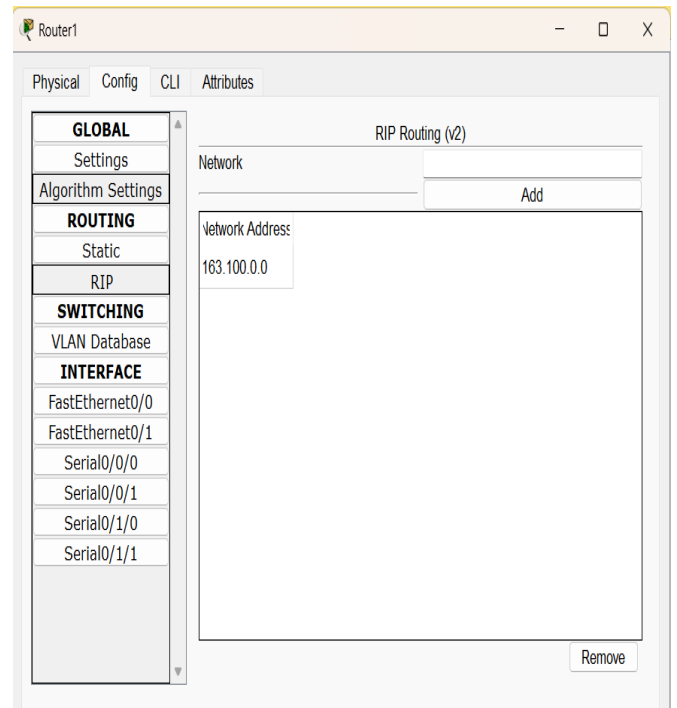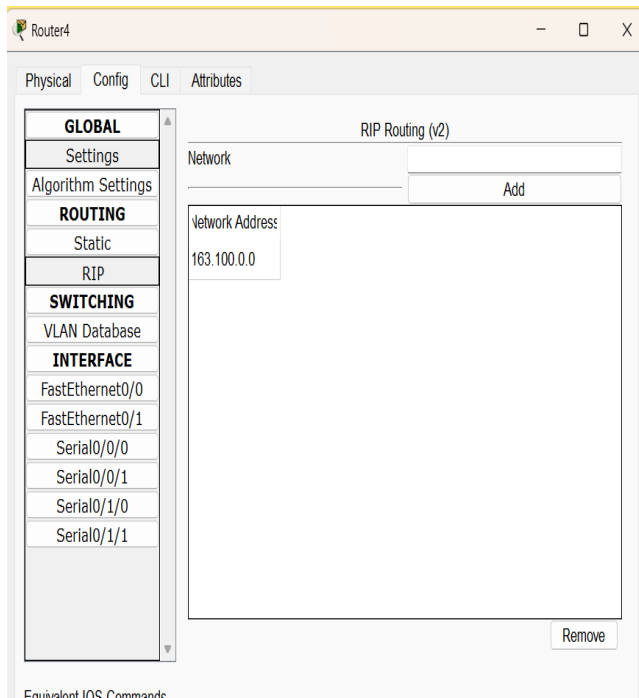### 3.Check Network Routes using command "tracert" command

4.Set dynamic Routing to the Routers

5 Tracking other Routes by turning off 1 router from network


```
Cisco Packet Tracer PC Command Line 1.0
C:\>tracert 163.100.1.126

Tracing route to 163.100.1.126 over a maximum of 30 hops:

  1    0 ms      0 ms      0 ms      163.100.0.62
  2   11 ms     10 ms     10 ms      163.100.0.126
  3    1 ms      8 ms      1 ms      163.100.0.158
  4    5 ms     10 ms     27 ms      163.100.0.94
  5    0 ms     10 ms      0 ms      163.100.1.126

Trace complete.

C:\>tracert 163.100.1.126

Tracing route to 163.100.1.126 over a maximum of 30 hops:

  1    0 ms      0 ms      0 ms      163.100.0.62
  2    1 ms     18 ms     16 ms      163.100.0.126
  3   14 ms     25 ms      1 ms      163.100.0.158
  4    2 ms     24 ms     41 ms      163.100.0.190
  5    9 ms      9 ms      2 ms      163.100.1.126

Trace complete.

C:\>
```