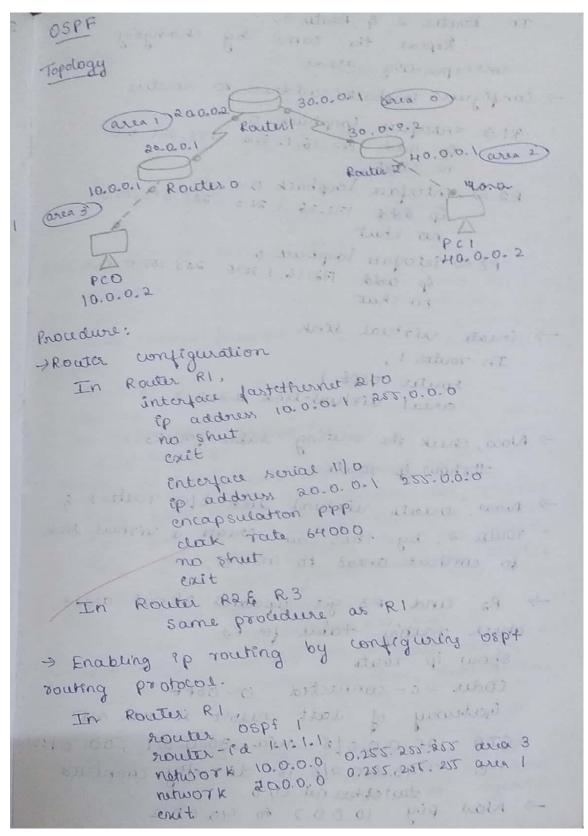
Configure OSPF routing protocol



In Router 2 & Router 3, Repeat the same by changing ! corresponding areas. -> Configure bopback address to nouters

RI > enterface loopback 0. 255-285.6.0. no shut

R2 3 interface loopback 0 205, 255, 0.00 10 no shut

ip add 172.16.1.204 255,255.0.0 R3 => interface loopback o 5.0001 no shut

-> Create virtual link

reitougipres In router 1, To Ross P1. router ospf 1 areal vistual-link 2-2-2.2

-> Now, check the routing table for R3. # show ip route

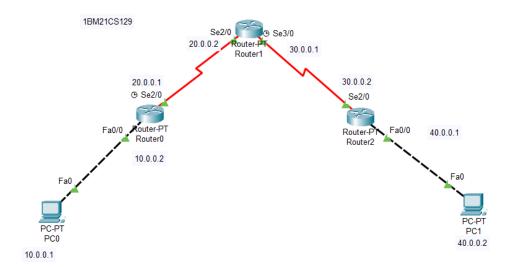
-> Now, oreste virtual link blo router 1 & router 2, by this we create a wirhad wink to connect areas to area o

-> Re and R3 get updated about area3, check routing table for R3 show ip rout to portion of puldons &

coder - c - connected 0-08PF1 9 portuge Crateway of last, resort is not set OTA 20.0.0,0 8 - Mia 30.0.0, 0.1, 00.01151 e 40,0.0,0/8 is directly, connected dastethernet 0/0 x recover

-> NOW PIN 10.0.0.2 50 40.0002

Topology:



Output:

```
-( 1 co
     Physical
                 Config Desktop Programming
                                                     Attributes
      Command Prompt
      Cisco Packet Tracer PC Command Line 1.0
      C:\>ping 40.0.0.2
      Pinging 40.0.0.2 with 32 bytes of data:
      Request timed out.
      Reply from 40.0.0.2: bytes=32 time=2ms TTL=125
Reply from 40.0.0.2: bytes=32 time=2lms TTL=125
out
lοι
      Reply from 40.0.0.2: bytes=32 time=24ms TTL=125
      Ping statistics for 40.0.0.2:
      Packets: Sent = 4, Received = 3, Lost = 1 (25% loss), Approximate round trip times in milli-seconds:
           Minimum = 2ms, Maximum = 24ms, Average = 15ms
      C:\>
```