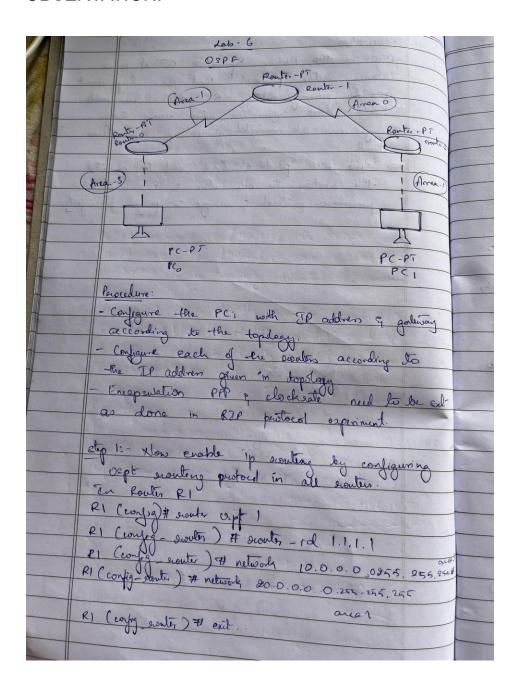
LAB 7

Configure OSPF routing protocol.

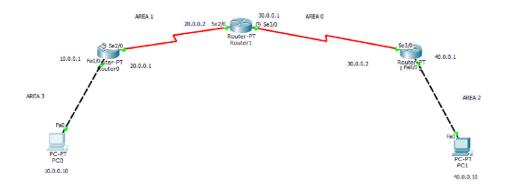
OBSERVATION:



(vale :	
En grouter R2	
es (codes) # water and	
R2 (coops - souts) # souts - id 22.2	
R2 (coops - scorts) # scorts - id 2,2,2,2 R1 (coops - scorts) # network 20,0,0,0 0,265245 255 and 3 R2 (coops exorts) # network 30,0,0,0,0 0,255,255,255 and 0	
R2 (copy evolts) # network 30,00,000 0,456,255 200	
South Re (colig worter) # exit	
TO I P. L. C.	
(Arrea.) Rz (copy) # south orpt	
Rz (config wonter) of grouter-id 3.3.3.3	
RS (cofig - souter) thretwork 30:000 0.266.266.266 am)	
F3 (copy senter) Hodook 140.0.0.0 0.255.265.265 and 2	
(3 (copy - routs) of exition	
the state of the s	
step 4: leopback in send interface	
vay	
el (cooling of) # interface loopbook 0:1	
RI (conf. 1) H is Alfress 122.16.1.252 256.755 0.0.	
car (tong of 1) the shot of 1100 dish	
Re router Re in seriel interface. Re Cemps il) # interface il confession o	
R2 (config-4) # ip addres 172,16,1.253 255, 955,00	
Re Cooping of I to me short and and short	
En router R3 R3 Curfrag 1) H steface loopback 0	
En router R3	
and R3 Curfra, 11) Hirtoface Loopback 0	
255.00 RS (wrig-of) # ip address 172.16. 1.259. 255.255.00	
P3 (config. 1) # no shot	
can from house ways	
and south a most south and a mile	
18/2023	
1 1/20	
311	

RI (copy router) Harra 1 vertual but R2.22 En sconter RZS Ra (coyig)# router vogel) Re (config- monter) of area 1 virtual lake Iddil. R2 Ceofig router) # exit -) show ip small D. JA 10.000 10 [110/129] via 10.001 cenal 3/0 0. IA 20.0.0 0/s [110/12] via 50.00 | smal 3/0 3000.0/8 is variably subneted, 2. Subnots, 2 marks C. 30.0.0.0/8 is direttly conneited, serial 3/0 C. 30.0.0.1/32 is directly connected sorial 3/0 C. 40.0.0.0/8 is directly corrected fast etternel 0/0 C. 12.16.0.0/16 re directly consided, loopback o pingling 40.0.0.10 with 32 bytes of data Roquest timed out Reply from 40.0.0.10 bytes=32 time = 2mg TTL = 125 Reply from 40.0.0.10 bytes = 32 time: 3ns TTL=125 Juny 40.0.0.10 loyles = 32 times = 10ms = 71 = 125 pinging statistics for 40.00010 packets: sent = 4, newered = 3, lost = 1 (25.1. los) Appense sound trip in ms? min = 2ms, Max=10ms, Average = 7ms.

TOPOLOGY:



OUTPUT:

```
PC0
                                                                              X
                   Desktop
Physical
          Config
                             Custom Interface
   Command Prompt
                                                                                 X
   Packet Tracer PC Command Line 1.0
   PC>ping 40.0.0.10
   Pinging 40.0.0.10 with 32 bytes of data:
   Reply from 10.0.0.1: Destination host unreachable.
   Ping statistics for 40.0.0.10:
       Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
   PC>ping 40.0.0.10
   Pinging 40.0.0.10 with 32 bytes of data:
   Request timed out.
   Reply from 40.0.0.10: bytes=32 time=4ms TTL=125
   Reply from 40.0.0.10: bytes=32 time=6ms TTL=125
   Reply from 40.0.0.10: bytes=32 time=12ms TTL=125
   Ping statistics for 40.0.0.10:
       Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
   Approximate round trip times in milli-seconds:
       Minimum = 4ms, Maximum = 12ms, Average = 7ms
```

