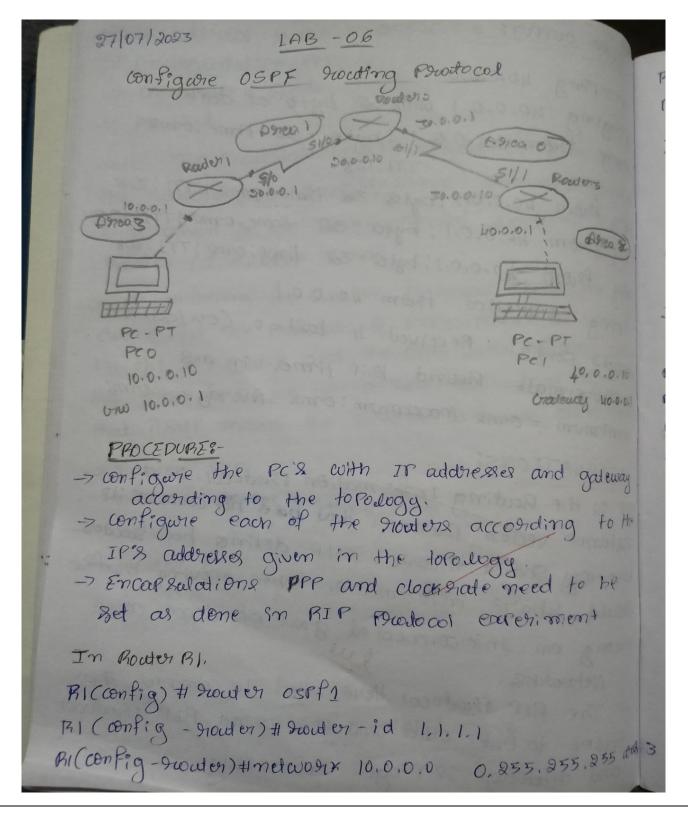
LAB 7

Configure OSPF routing protocol.

OBSERVATION:



V:97+ val diox:

In Router RI.

BI (config - sweder) # area | Visited-link 2.2.2.2

In Rouder B2.

Rollanfight bocouter oxpf)

R2 (config - I couder) # corea 1 Virteal - link 1.1.1.)
R2 (config - I couder) # exit

-> Show IP I wowte

OUTPUT:

Reply from 40.0.0.10; byter:30 time:0mx TIL:108

Pinging Statistics from 40.0.0.10

Packet 2011 = 4 Received = 4 lost = 0 (8% doss)

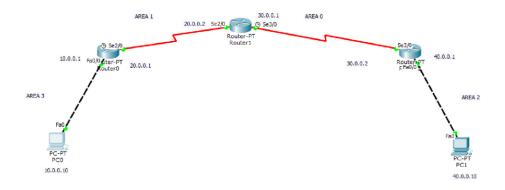
opproximate sound topic times in ms

minimum = 0 m2 marinum = 0 mp average = 0 ml

Med 17/2

```
BI (config - router) # network 20,0,0,0 0,055,055,055 areal
BI (Onfig - Sower) Hexit
In Sweeter Ra.
 R2(config) 17 9wwwer 08Pf1
 B2 (config - had on) H hoater - 10 2.2.2.2
 13 ( Config - Quarter) Hndwork 20.0.0,0 0,255,255.255 asiea)
R3(config - Icold or) H network 30,0,0,0 0,255, 255, 255 area o
 BS (config - Sweet on) H oxil
In Scouter R3.
B3 (config) # Granter ORPF 1
B3 (config - faceter) # Sucreter - id 3,3,3,3
B3(config- 900cter) Hnetwork 30.0.0.0 0.255.255.255 corea o
B3( config-2 cocd en) # network 40,0,0,0 0,255,255, 255, 201 ea 2
R3(config-9couter) # exit
Interfaces Loopbach:
BI (config-if) # interface doopback 0 3 to 18
BI (config-if) It is address 172, 16, 1, 252 255, 255, 0.0
BI( config-if) H. No Shutdown
Ra (config 17) # interface cloop back o
B2 (Config-17)# iP address 172,16,1,253 255,255,0,0
Ba (config -if) # No Shutdown
B3 (worfig-if) # interface deoppack o
P3 (config-98) # 70 address 172,16,1,254 255,255,00
 $3 (config-if) # NO shut down.
```

TOPOLOGY:



OUTPUT:

```
PC0
                                                                             X
                  Desktop
Physical
          Config
                            Custom Interface
  Command Prompt
   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
```

