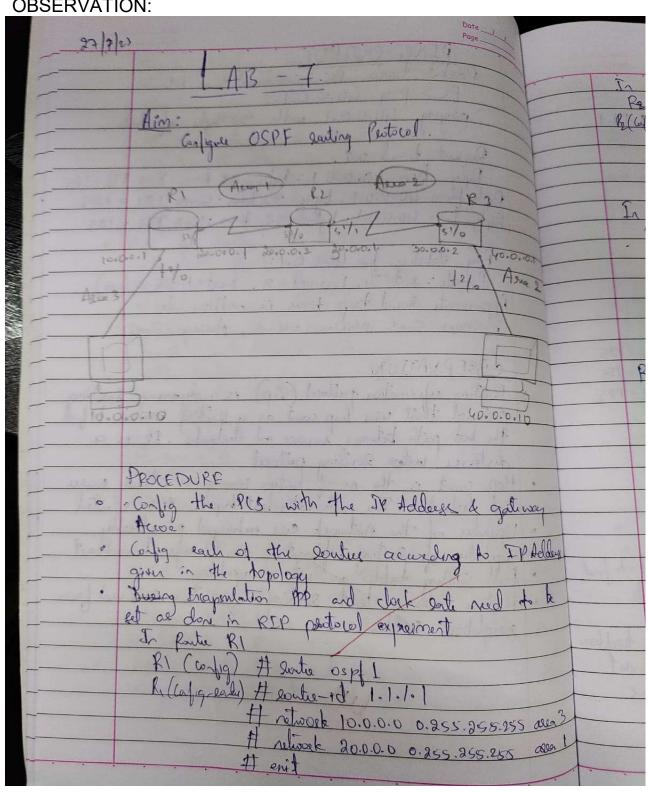
## WEEK 7

Configure OSPF routing protocol.

**OBSERVATION:** 



In Route F2 R2 (config) H south copy R2 (config reentle) H area B (Cof) A hecking the souting table show ip soute hastly ping nustages from PC PING OUTPUT Parket teach PC - Command line 1.0 PC> ping 40.0.0.10 40.0.0.10 with 32 bytes Reguest Lincol out Reply from 40.0.0.10: byte=32 times=11m8 TTL=125 Right from 40:000.10: bytes = 32 times = 112 from 40.0.0.10 = byte = 32 horres 8005 TTL Ping statities for 40.0.0.10 Parkets set = 4 Received = 3, lost=1 (25% loss) Appearing lound tip times in will seconds Mainum - 8015, Maximum= Und Aruage = 10ml OBJERVATION. OSPF is a link-state gouting protocol that is used the best path between source of destination source using OWN SPF agouthm. This network is divided ento 4 areas, where area is After by make the virtual-link between the area which corneiled to the backbon alea, we can ping

## TOPOLOGY:



## **OUTPUT:**

```
PC0
                                                                            X
Physical
         Config
                  Desktop
                            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
```

