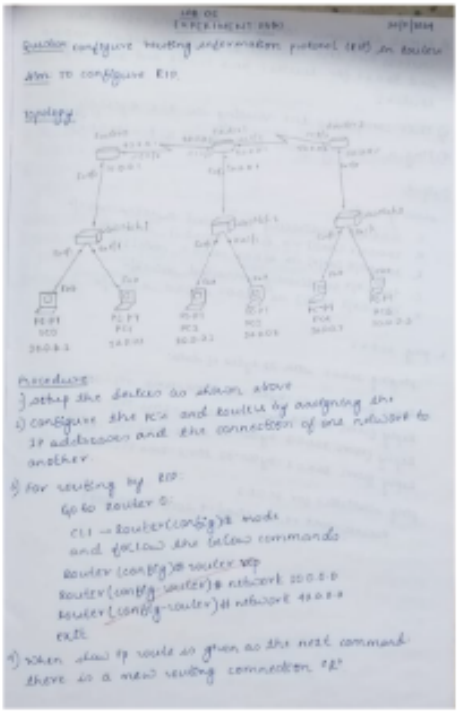
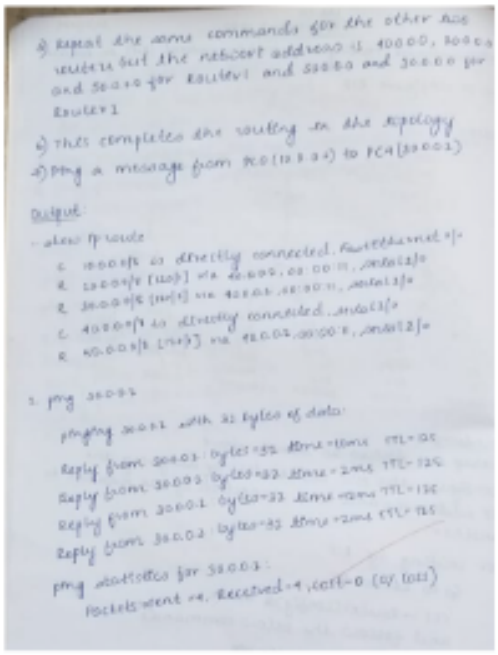
EXPERIMENT-5

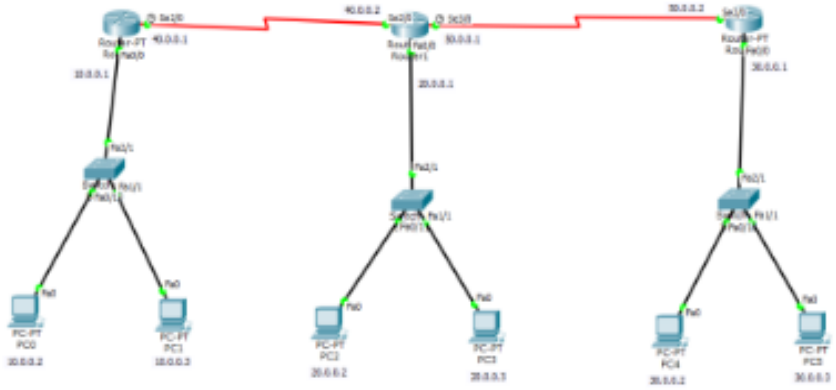
Question 5:
Configure RIP routing Protocol in Routers.

Observation:





Screenshot of the topology:



Screenshot of the output:

```
R    10.0.0.0/8 [120/2] via 50.0.0.1, 00:00:07, Serial2/0
R    20.0.0.0/8 [120/1] via 50.0.0.1, 00:00:07, Serial2/0
C    30.0.0.0/8 is directly connected, FastEthernet0/0
R    40.0.0.0/8 [120/1] via 50.0.0.1, 00:00:07, Serial2/0
C    50.0.0.0/8 is directly connected, Serial2/0
```

```
PC>ping 30.0.0.2

Pinging 30.0.0.2 with 32 bytes of data:

Reply from 30.0.0.2: bytes=32 time=10ms TTL=125
Reply from 30.0.0.2: bytes=32 time=2ms TTL=125
Reply from 30.0.0.2: bytes=32 time=12ms TTL=125
Reply from 30.0.0.2: bytes=32 time=2ms TTL=125

Ping statistics for 30.0.0.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 12ms, Average = 6ms
```