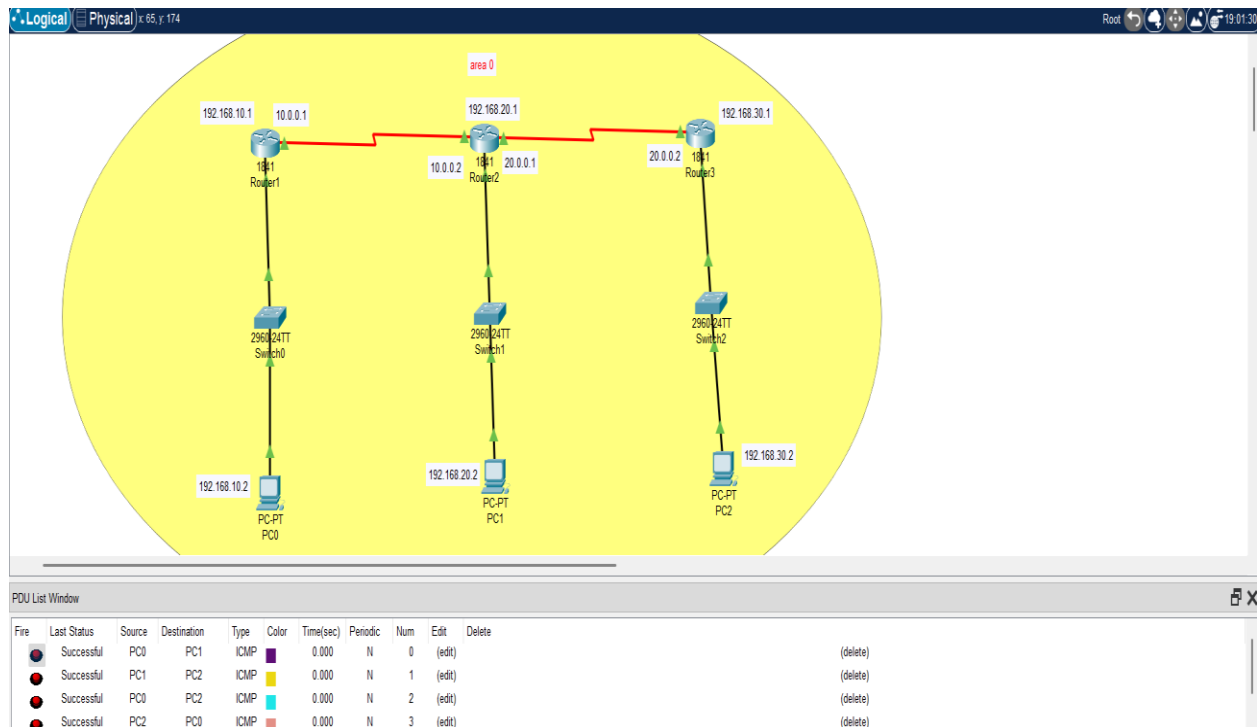# Report of Day-8 (OSPF Protocol)

Objective:

To Setup the connection among the end devices using OSPF Protocol.

Configuration of Router1:

```
Router(config-if)#
Router(config-if)#exit
Router(config)#router ospf 1
Router(config-router)#network 192.168.10.0 0.0.0.255 area 0
Router(config-router)#network 10.0.0.0 0.255.255.255 area 0
Router(config-router)#
Router(config-router)#exit
Router(config)#
```

Configuration of Router 2:

```
R2#config t
Enter configuration commands, one per line.  End with CNTL/Z.
R2(config)#router ospf 1
R2(config-router)#network 192.168.20.0 0.0.0.255 area 0
R2(config-router)#network 10.0.0.0 0.255.255.255 area 0
R2(config-router)#n
01:23:48: %OSPF-5-ADJCHG: Process 1, Nbr 192.168.10.1 on Serial0/0/0 from LOADING to FULL, Loading
Donenen
% Ambiguous command: "n"
R2(config-router)#network 20.0.0.0 0.255.255.255 area 0
R2(config-router)#
R2(config-router)#exit
R2(config)#
```

Configuration of Router 3:

```
R3#config t
Enter configuration commands, one per line.  End with CNTL/Z.
R3(config)#router ospf 1
R3(config-router)#network 192.168.30.0 0.0.0.255 area 0
R3(config-router)#network 20.0.0.0 0.255.255.255 area 0
R3(config-router)#
R3(config-router)#exit
01:25:32: %OSPF-5-ADJCHG: Process 1, Nbr 192.168.20.1 on Serial0/0/0 from LOADING to FULL, Loading
Done

R3(config)#
```