Assignment – 8

Configuration of DNS server.

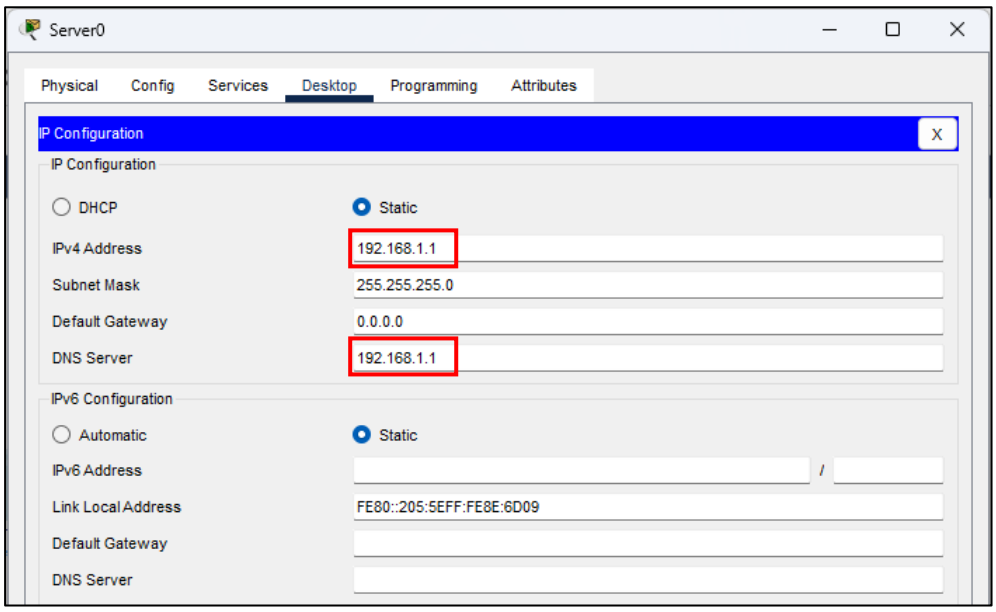
❖ Procedure:

Step 1 : Take 1 Switch, 3 PC's and one server.

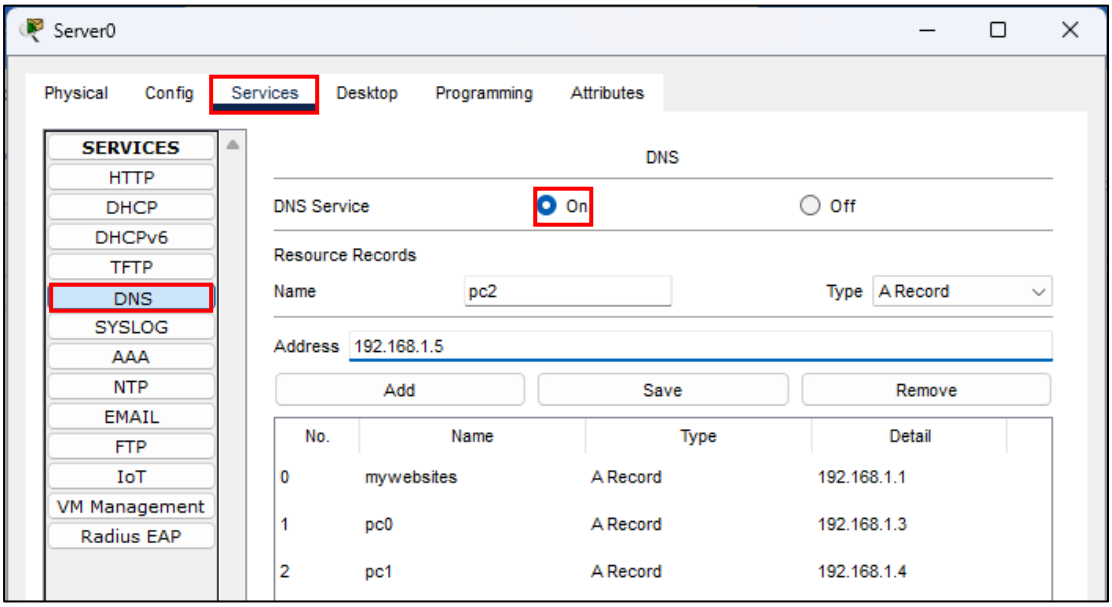
Step 2 : Connect that Switch with 3 PC's with Copper Stright-Through wire and connect the server with that switch.

Step 3 : Assign IP Addresses to the PC's and each of them belongs to class C or use DHCP configuration for IP assigning.

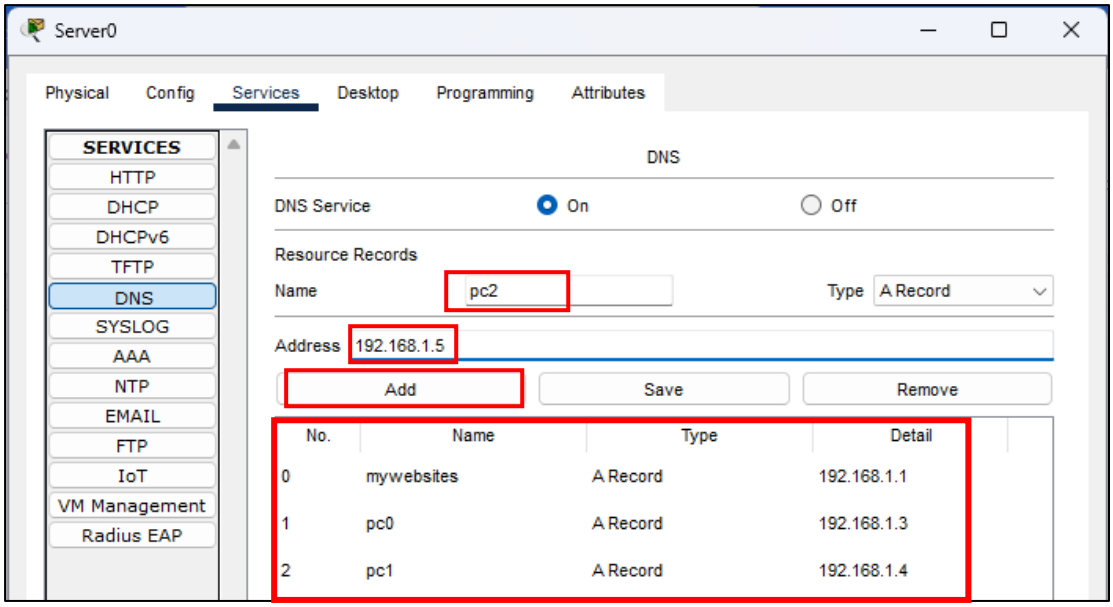
Step 4 : Assign IP Address to the server and also add the same address in DNS Server option.



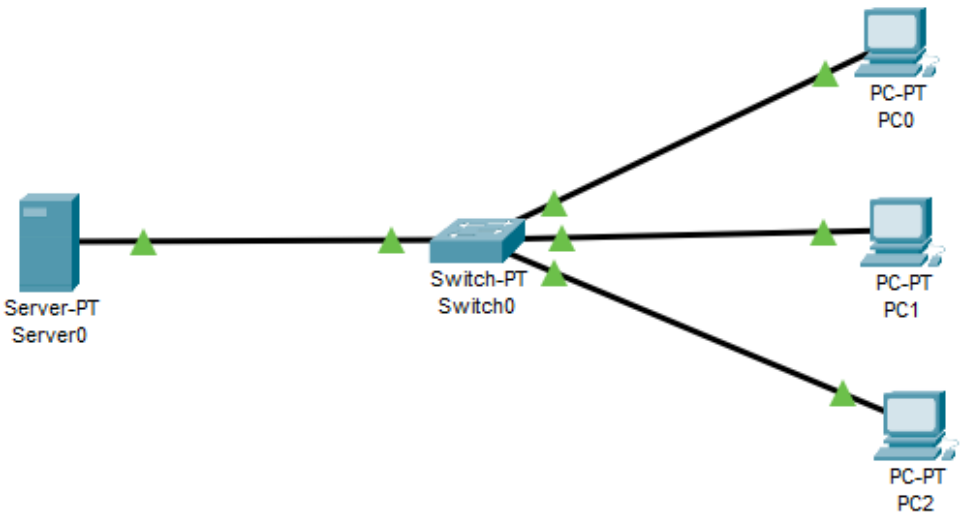
Step 4 : Now go to the services then go to DNS option and enable it.



Step 6 : After that we add name and the address of the PC and click on the add button and the domain name will be added.



❖ Diagram:



❖ **Output's**:

```
C:\>ping pc1

Pinging 192.168.1.4 with 32 bytes of data:

Reply from 192.168.1.4: bytes=32 time<1ms TTL=128
Reply from 192.168.1.4: bytes=32 time<1ms TTL=128
Reply from 192.168.1.4: bytes=32 time=5ms TTL=128
Reply from 192.168.1.4: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 5ms, Average = 1ms
```

```
C:\>ping pc2

Pinging 192.168.1.5 with 32 bytes of data:

Reply from 192.168.1.5: bytes=32 time=1ms TTL=128
Reply from 192.168.1.5: bytes=32 time<1ms TTL=128
Reply from 192.168.1.5: bytes=32 time<1ms TTL=128
Reply from 192.168.1.5: bytes=32 time=5ms TTL=128

Ping statistics for 192.168.1.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 5ms, Average = 1ms
```

Response coming from same one PC to another PC by using domain name, so configuration is successful.