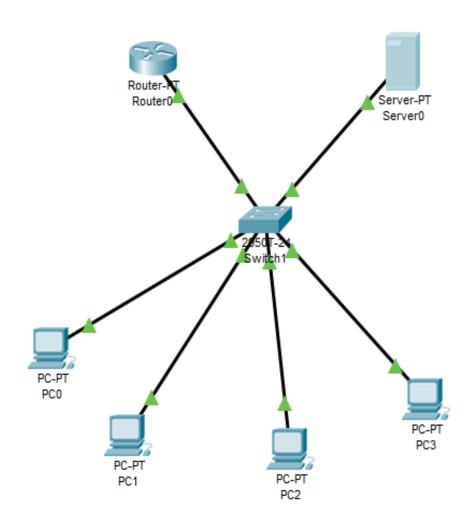
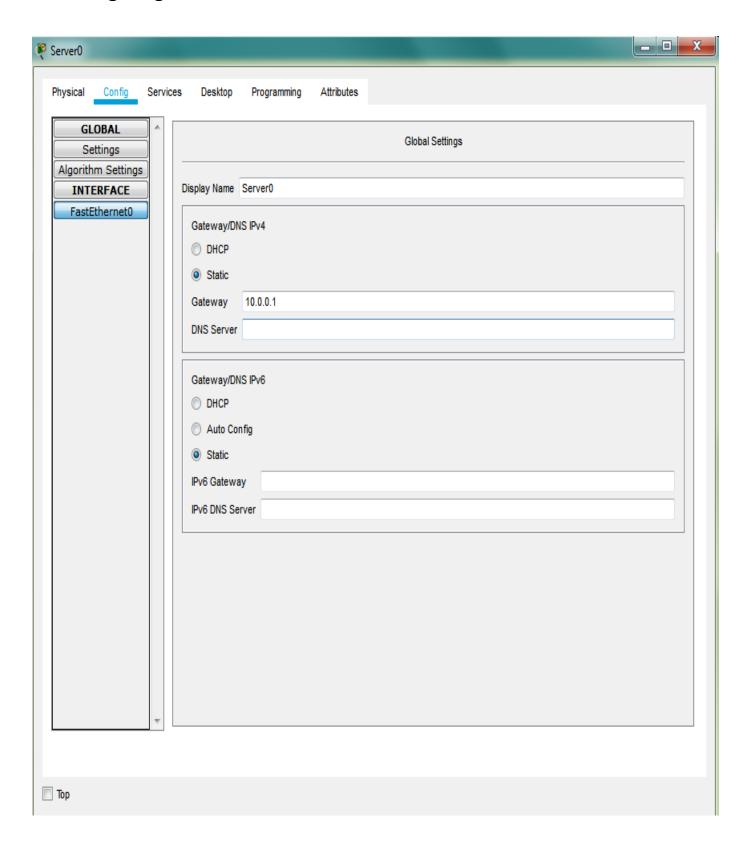
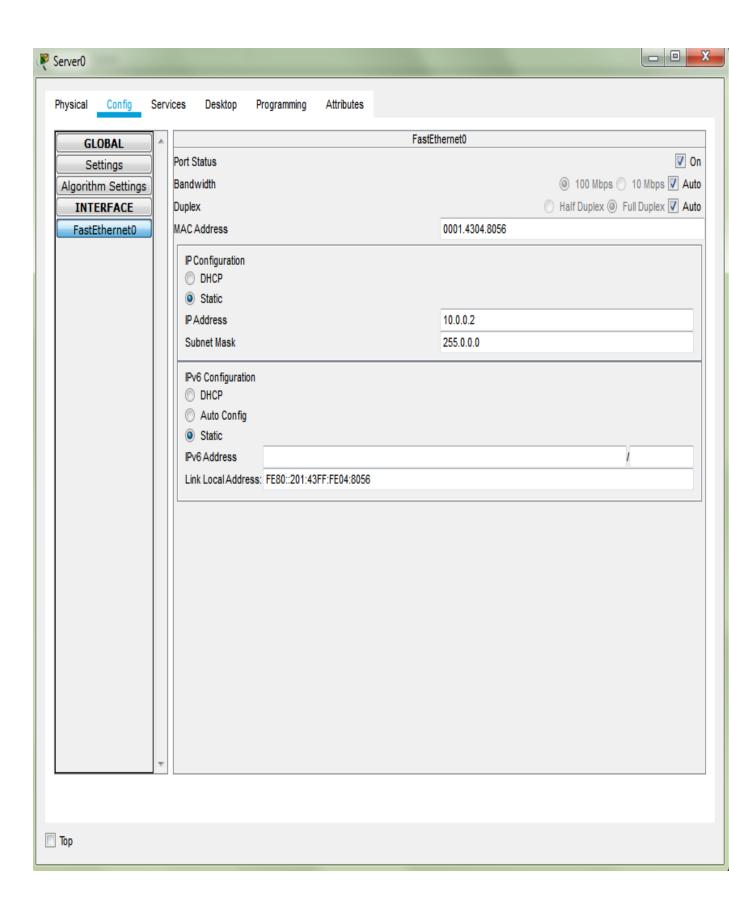
Lab-4
Configuring DHCP within a LAN

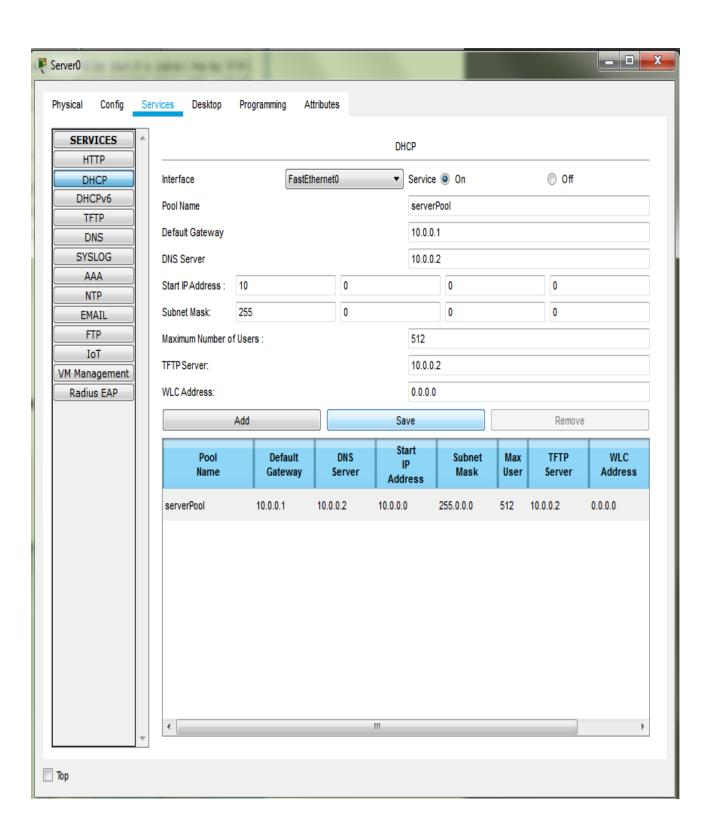
Topology:



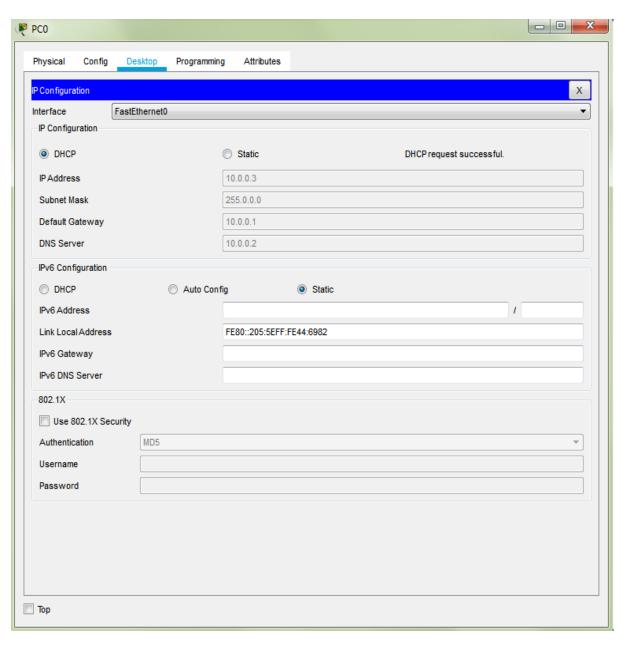
Configuring DHCP Server

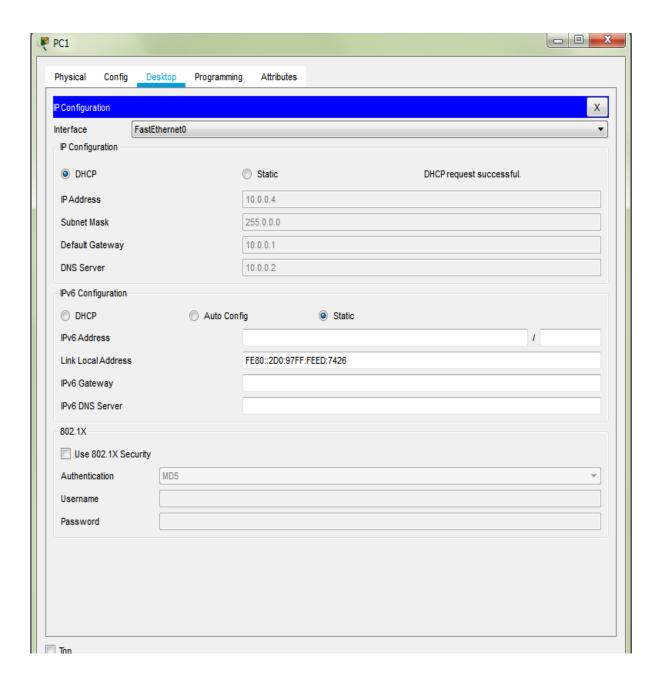


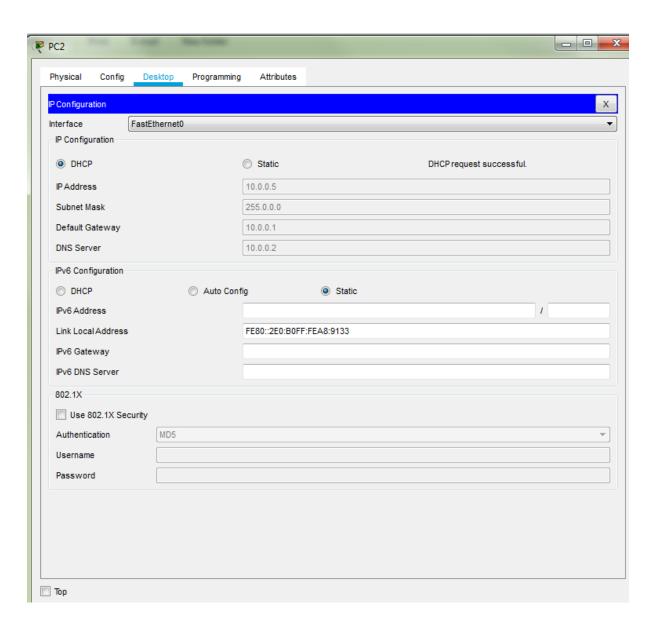


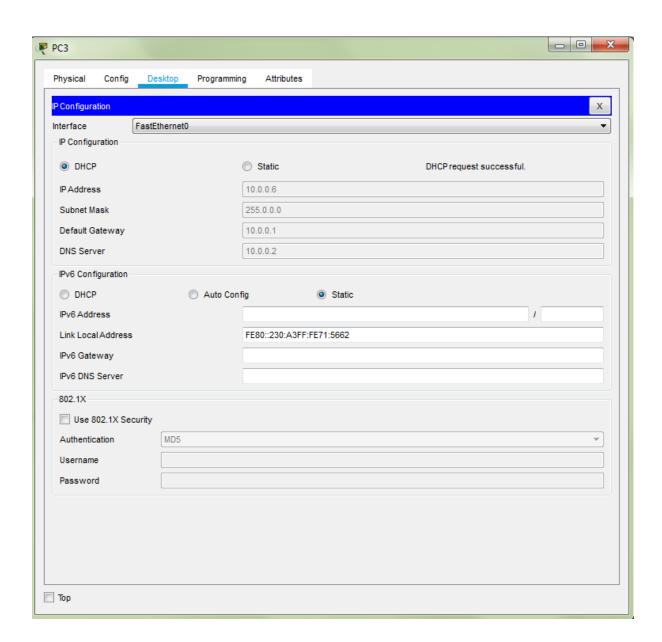


IP addresses assigned dynamically









Ping Responses:

```
PC1
  Physical
          Config
                 Desktop
                         Programming
                                     Attributes
  Command Prompt
  Packet Tracer PC Command Line 1.0
   C:\>ipconfig
  FastEthernet0 Connection: (default port)
     Link-local IPv6 Address.....: FE80::207:ECFF:FEDA:C9B2
     IP Address..... 10.0.0.4
     Subnet Mask..... 255.0.0.0
     Default Gateway..... 10.0.0.1
  Bluetooth Connection:
     Link-local IPv6 Address....: ::
     IP Address..... 0.0.0.0
     Subnet Mask..... 0.0.0.0
     Default Gateway..... 0.0.0.0
   C:\>ping 10.0.0.4
   Pinging 10.0.0.4 with 32 bytes of data:
   Reply from 10.0.0.4: bytes=32 time=6ms TTL=128
   Reply from 10.0.0.4: bytes=32 time=3ms TTL=128
   Reply from 10.0.0.4: bytes=32 time<1ms TTL=128
   Reply from 10.0.0.4: bytes=32 time<1ms TTL=128
  Ping statistics for 10.0.0.4:
      Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
   Approximate round trip times in milli-seconds:
      Minimum = 0ms, Maximum = 6ms, Average = 2ms
   C:\>
```