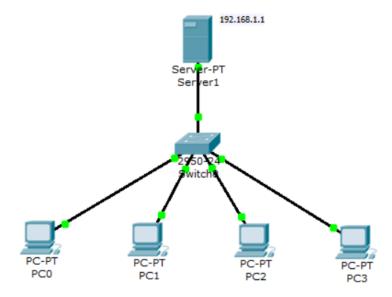
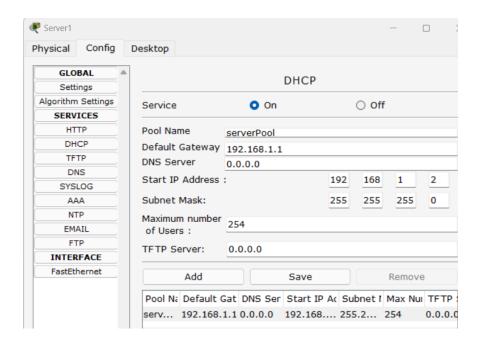
MODERN COMPUTER NETWORK LAB EXPERIMENTS

1. Topology:



2. DHCP Setting:



DHCP Request Successful:



Ping Command:

```
PC>ping 192.168.1.3

Pinging 192.168.1.3 with 32 bytes of data:

Reply from 192.168.1.3: bytes=32 time=73ms TTL=128

Reply from 192.168.1.3: bytes=32 time=32ms TTL=128

Reply from 192.168.1.3: bytes=32 time=48ms TTL=128

Reply from 192.168.1.3: bytes=32 time=33ms TTL=128

Ping statistics for 192.168.1.3:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 32ms, Maximum = 73ms, Average = 46ms
```

DHCP Packet Flow:

