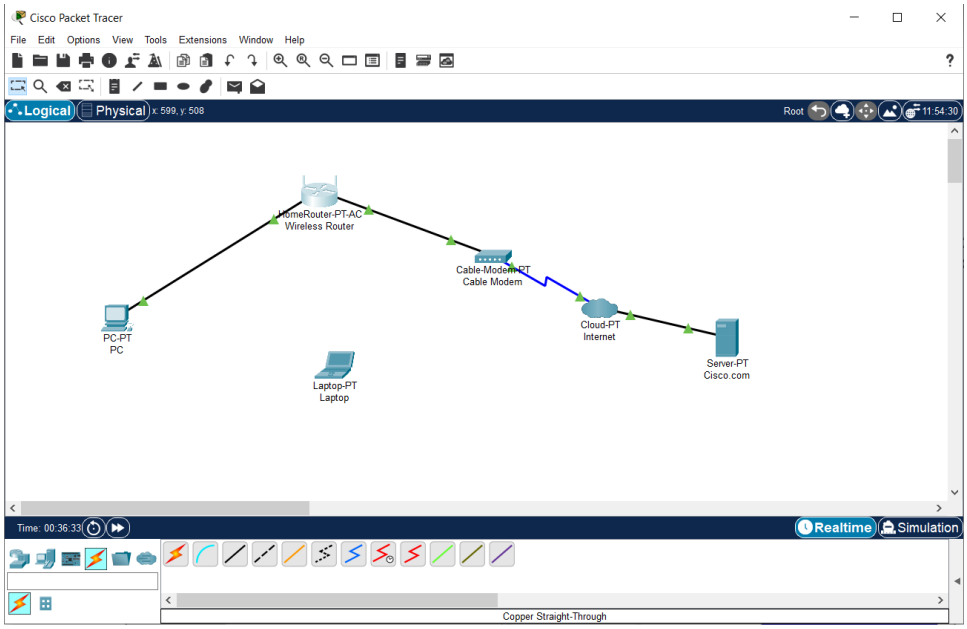
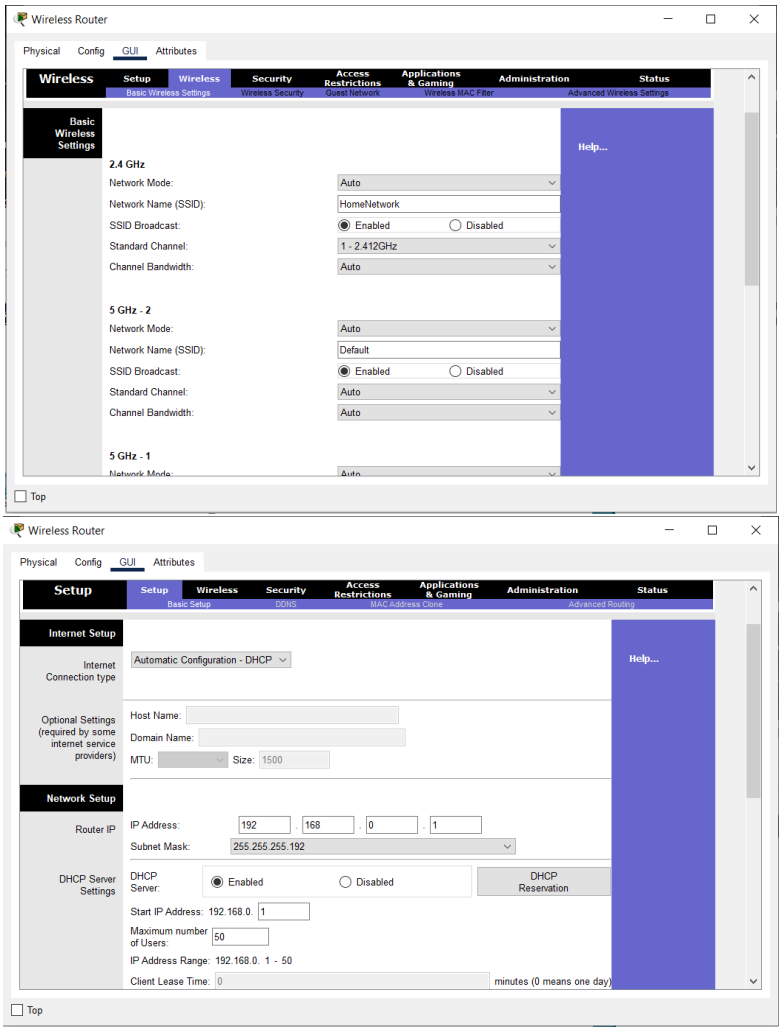
Part 1: Building the Topology



Adding the network devices to the workspace, configuring their display names and adding physical cabling between them.

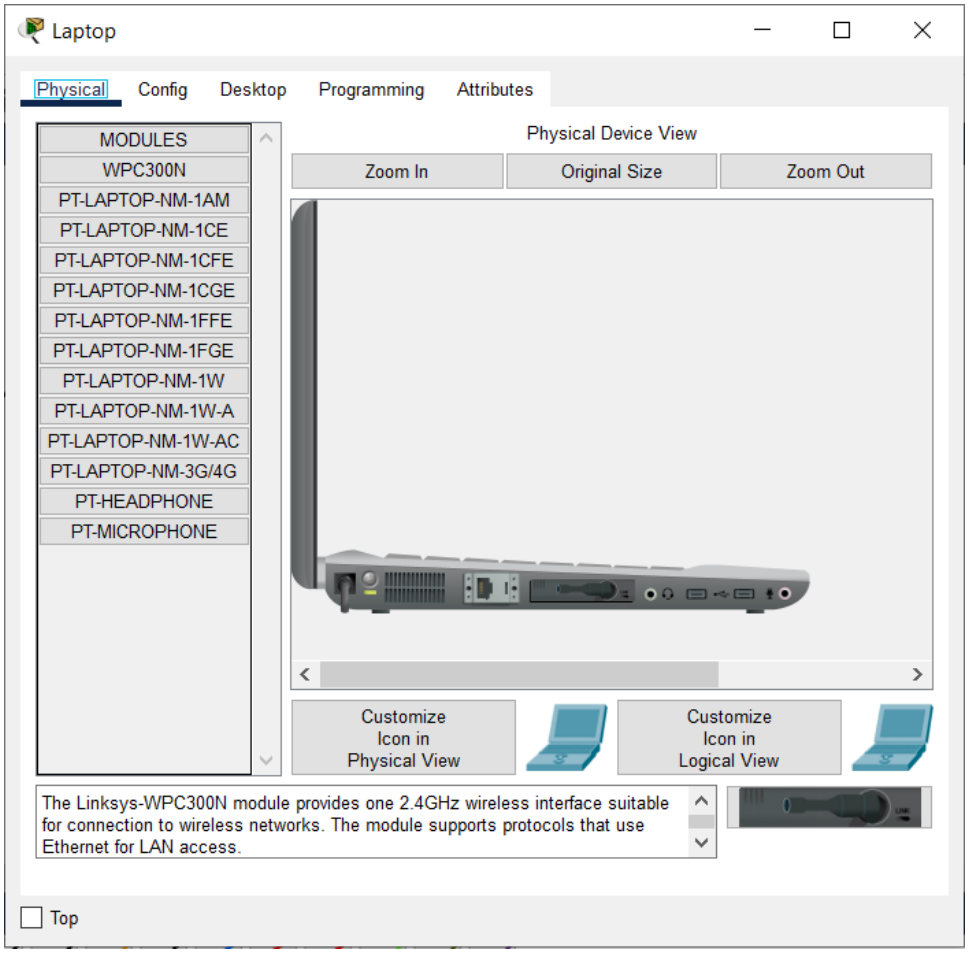
Part 2: Configuring the Network Devices

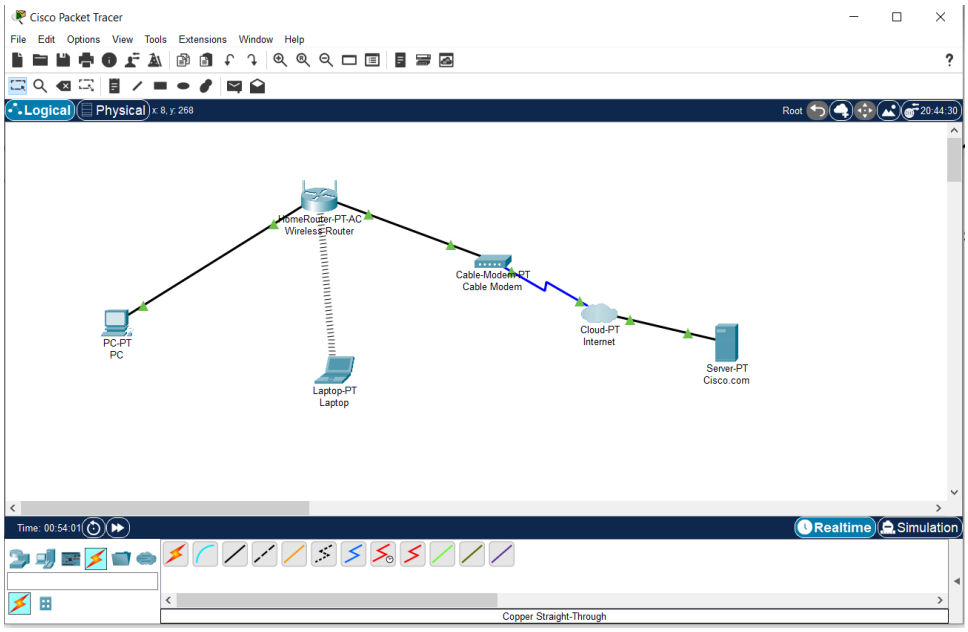
Step 1: Configure the wireless router

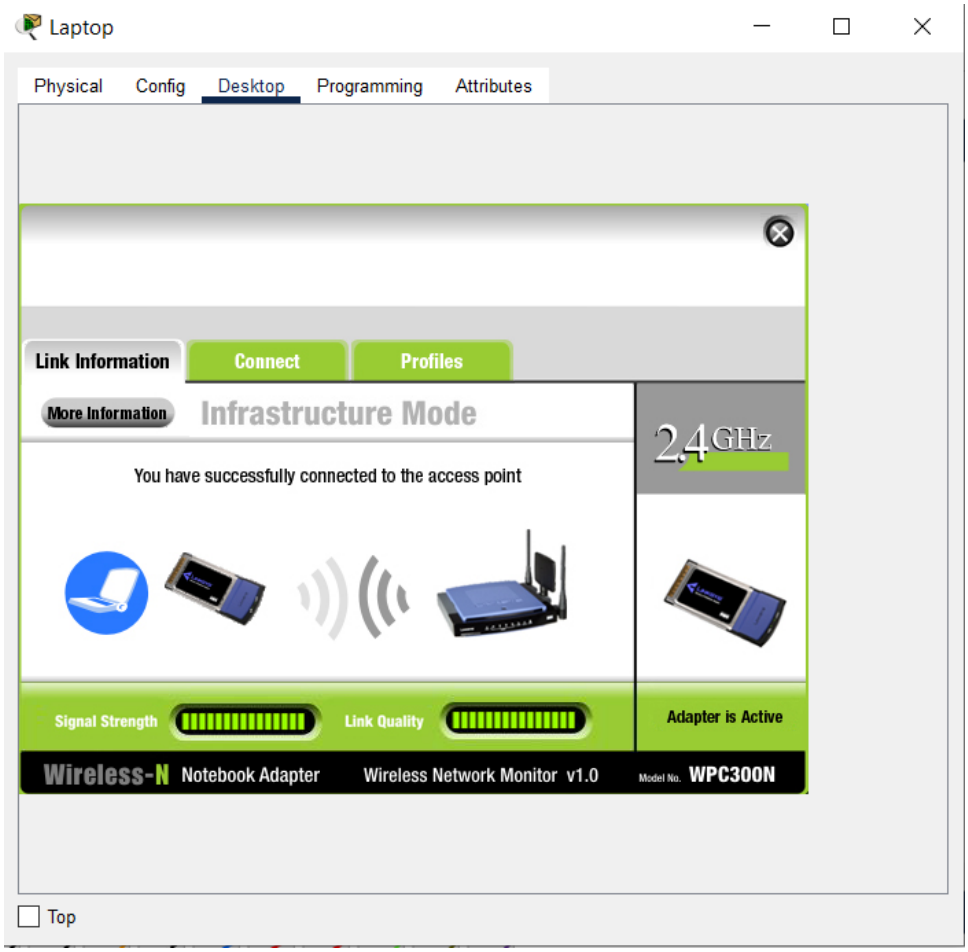


Configuring the SSID and DHCP settings

Step 2: Configure the laptop

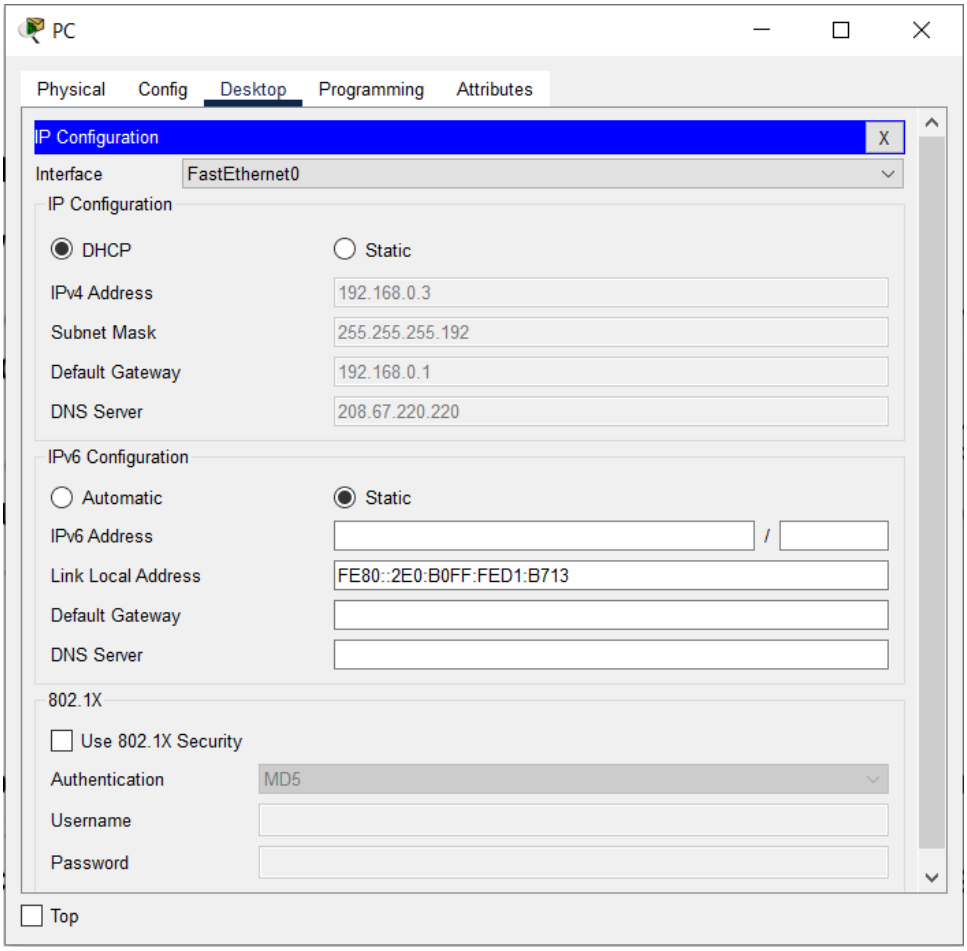


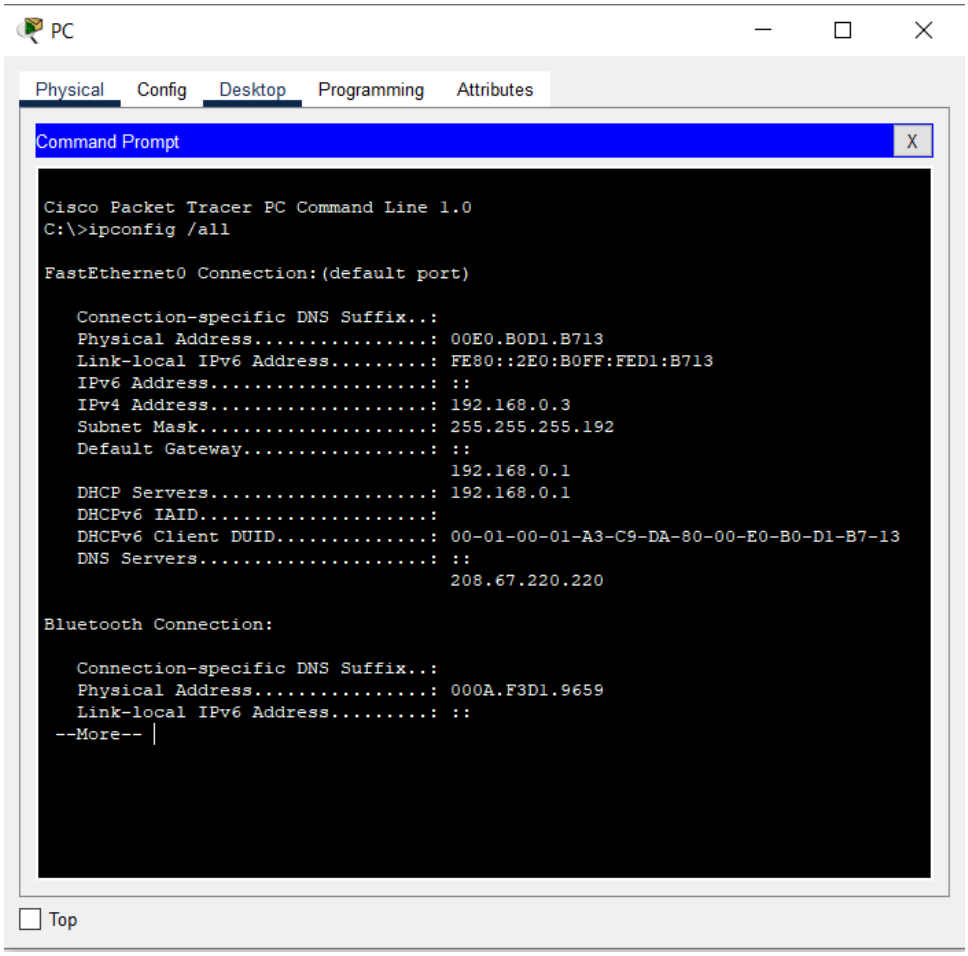




Replacing the ethernet module with a wireless one and establishing a connection with the wireless router

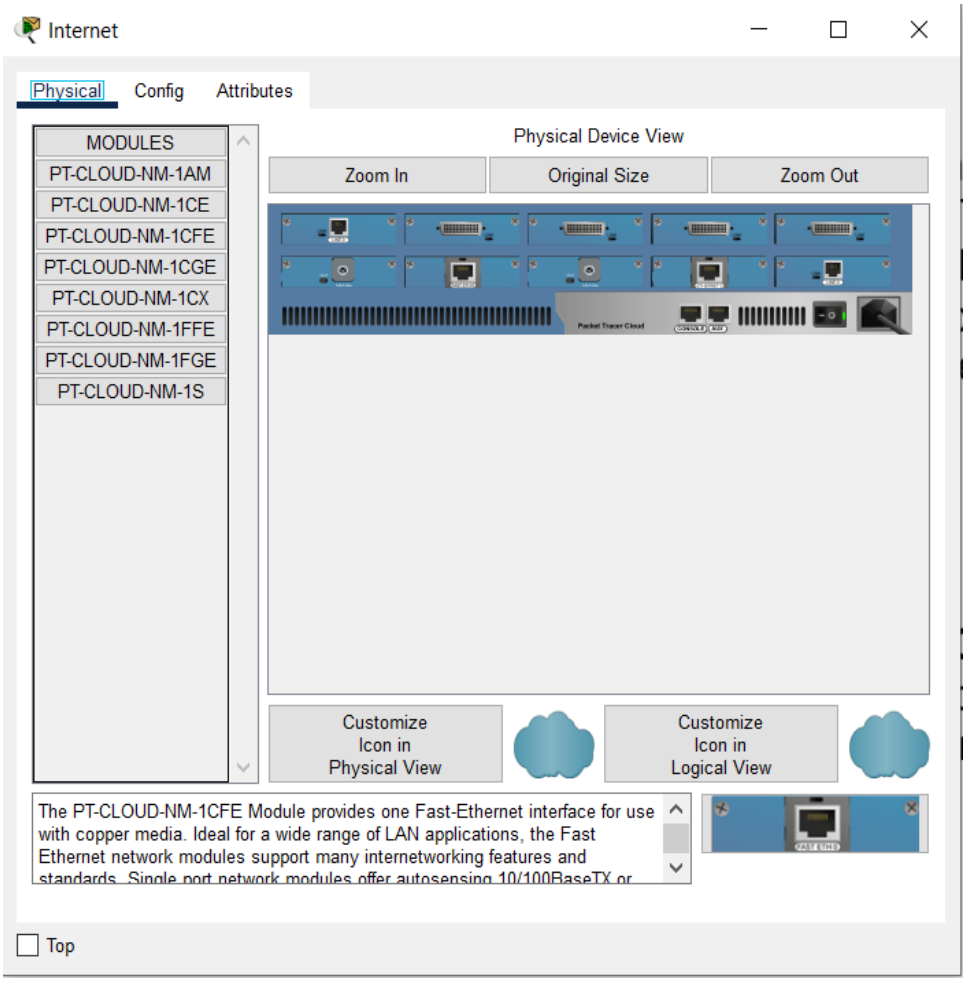
Step 3: Configure the PC

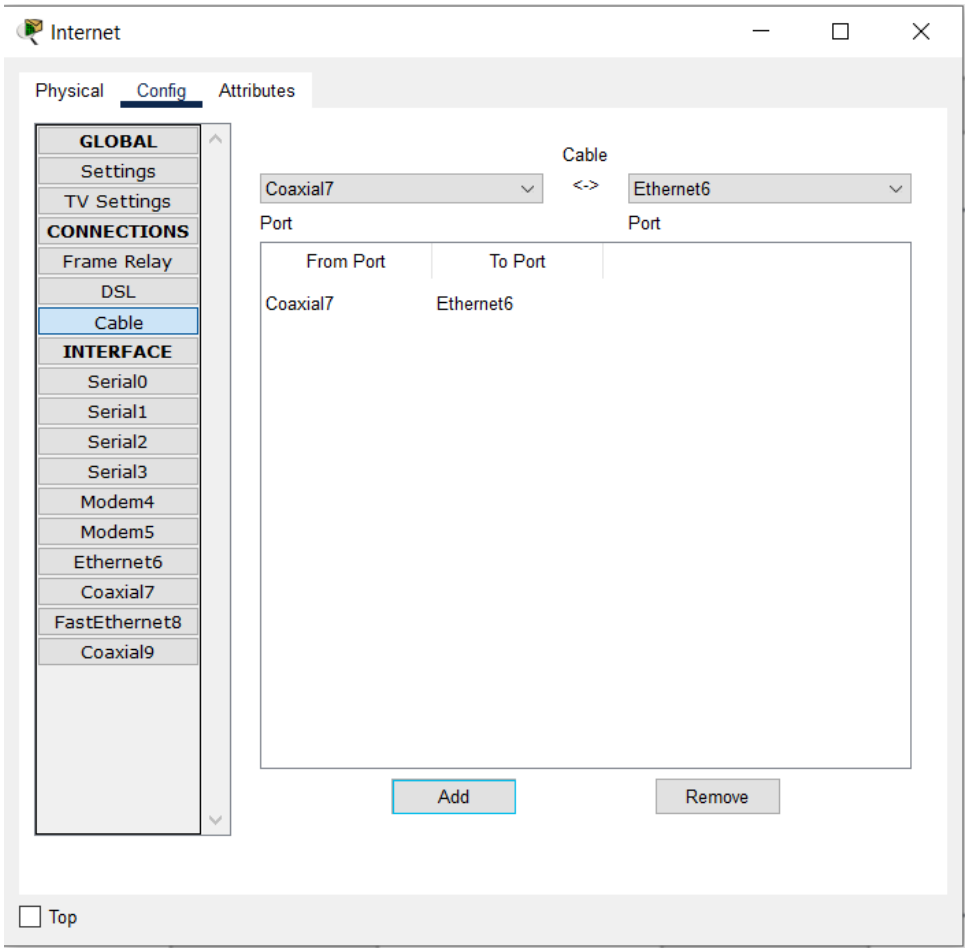




Setting the IP Configuration to DHCP and verification

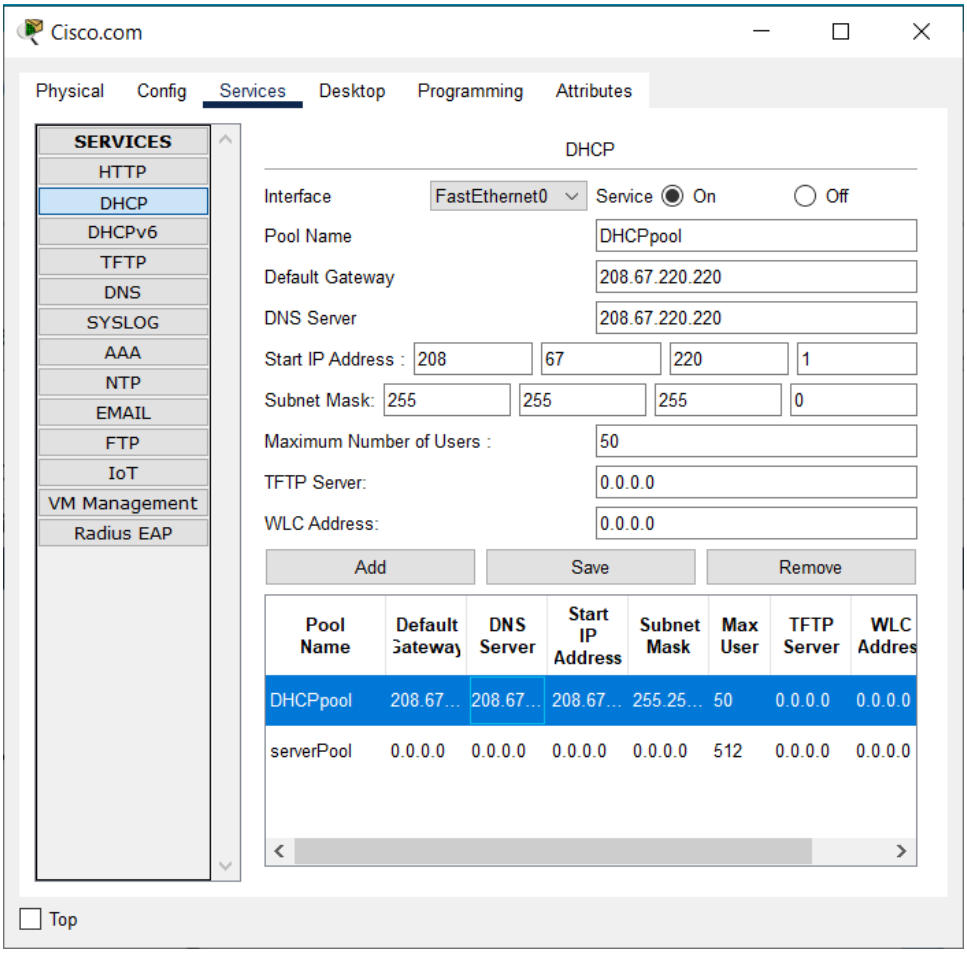
Step 4: Configuring the internet cloud

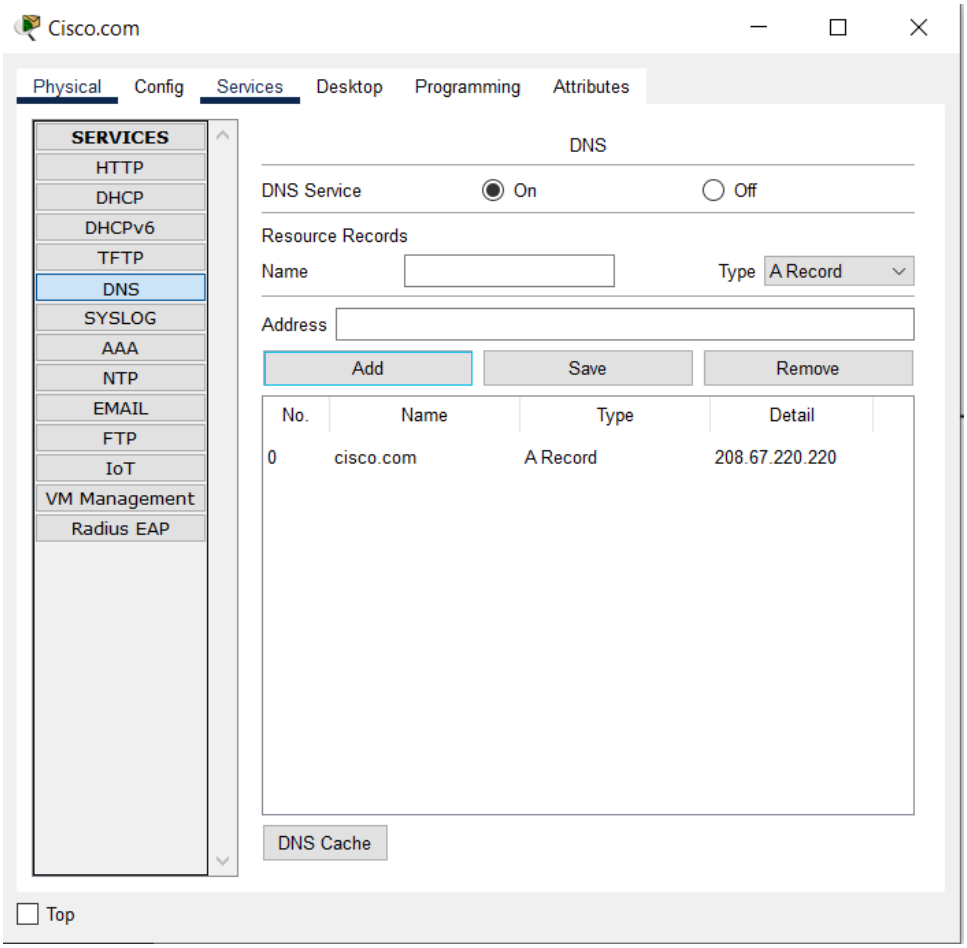


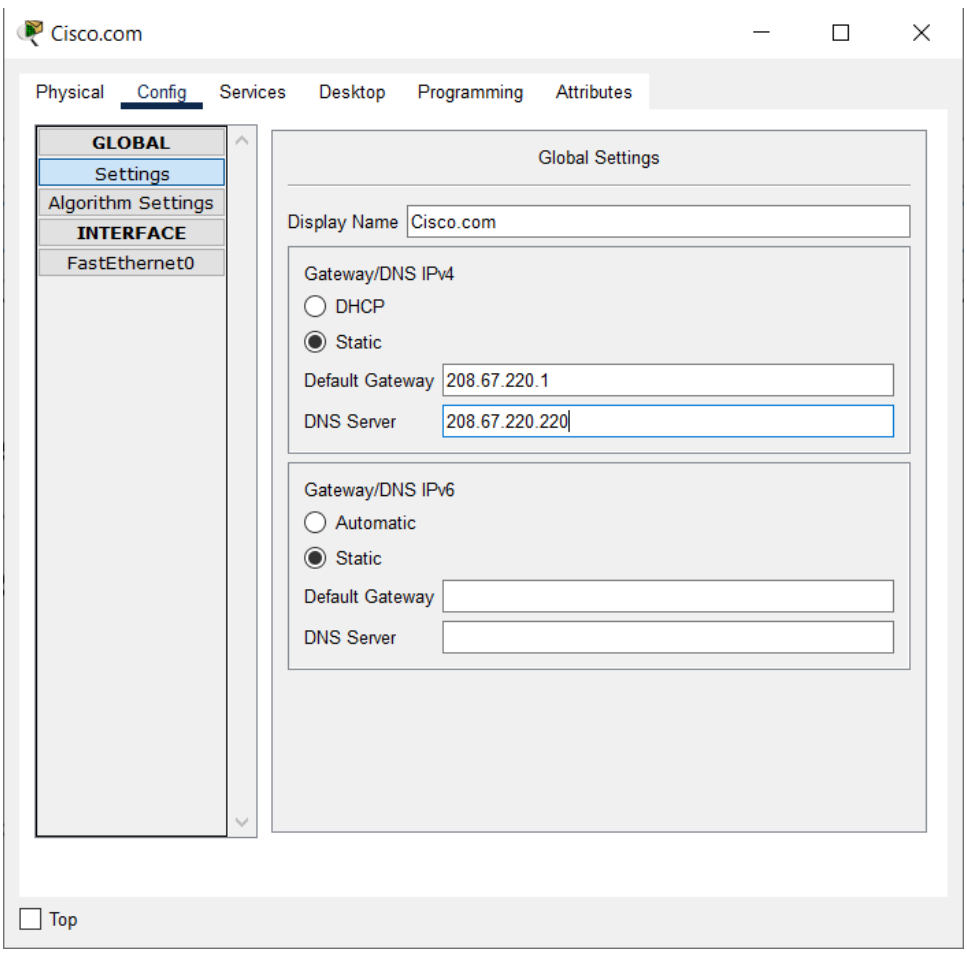


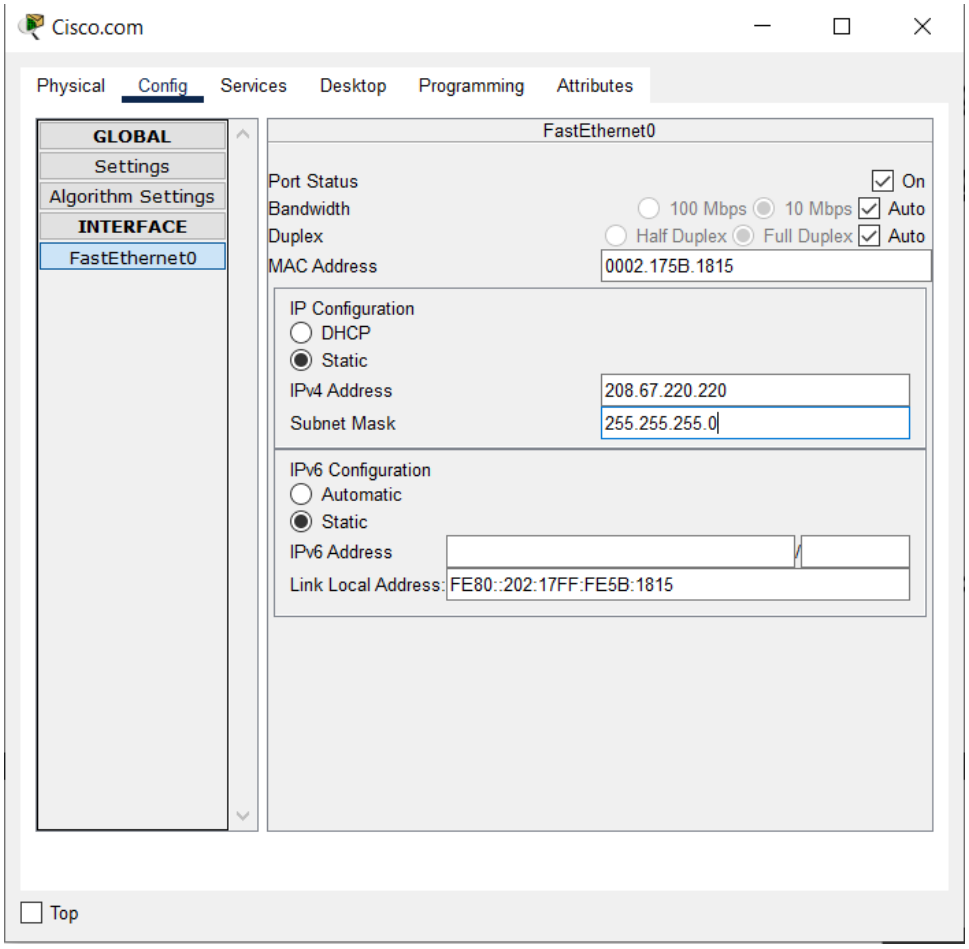
Installing necessary modules and configuring the from and to ports

Step 5: Configure the server



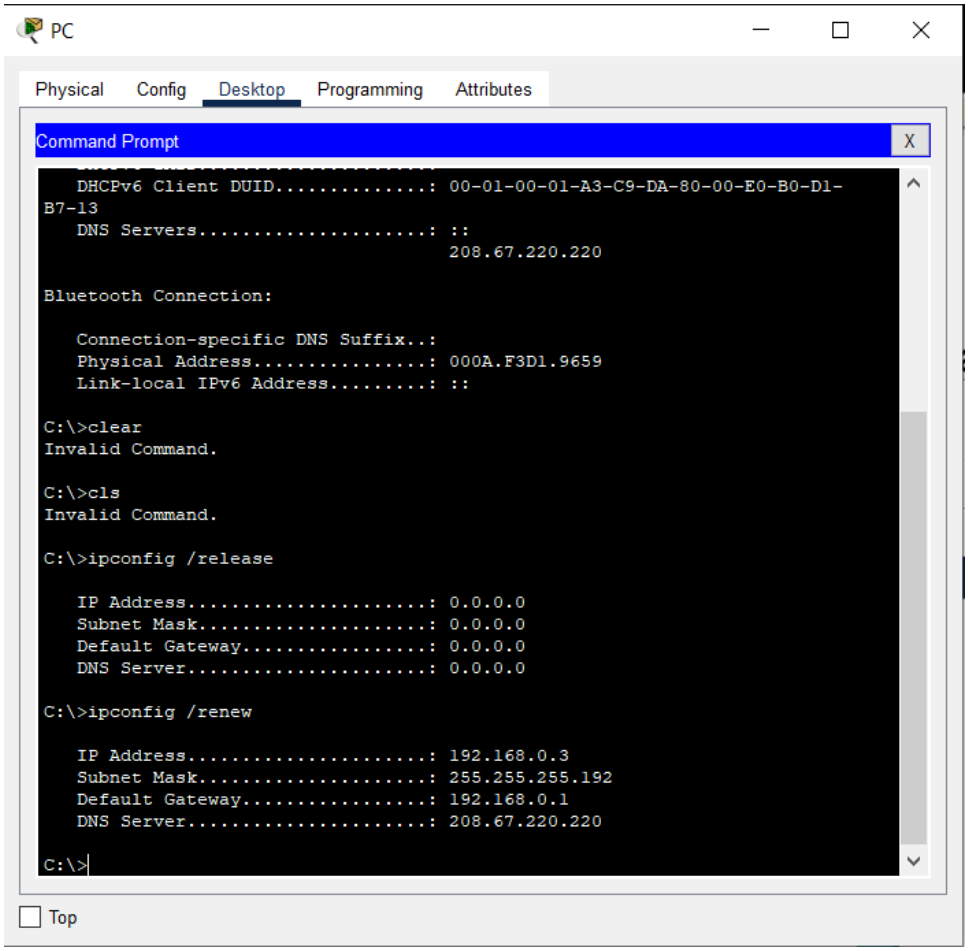

Cisco.com
Physical
Config
Services
Desktop
Programming
Attributes
SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP
DNS
DNS Service
On
Off
Resource Records
Name
Type
A Record
Address
Add
Save
Remove
No.
Name
Type
Detail
0
cisco.com
A Record
208.67.220.220
DNS Cache
Top

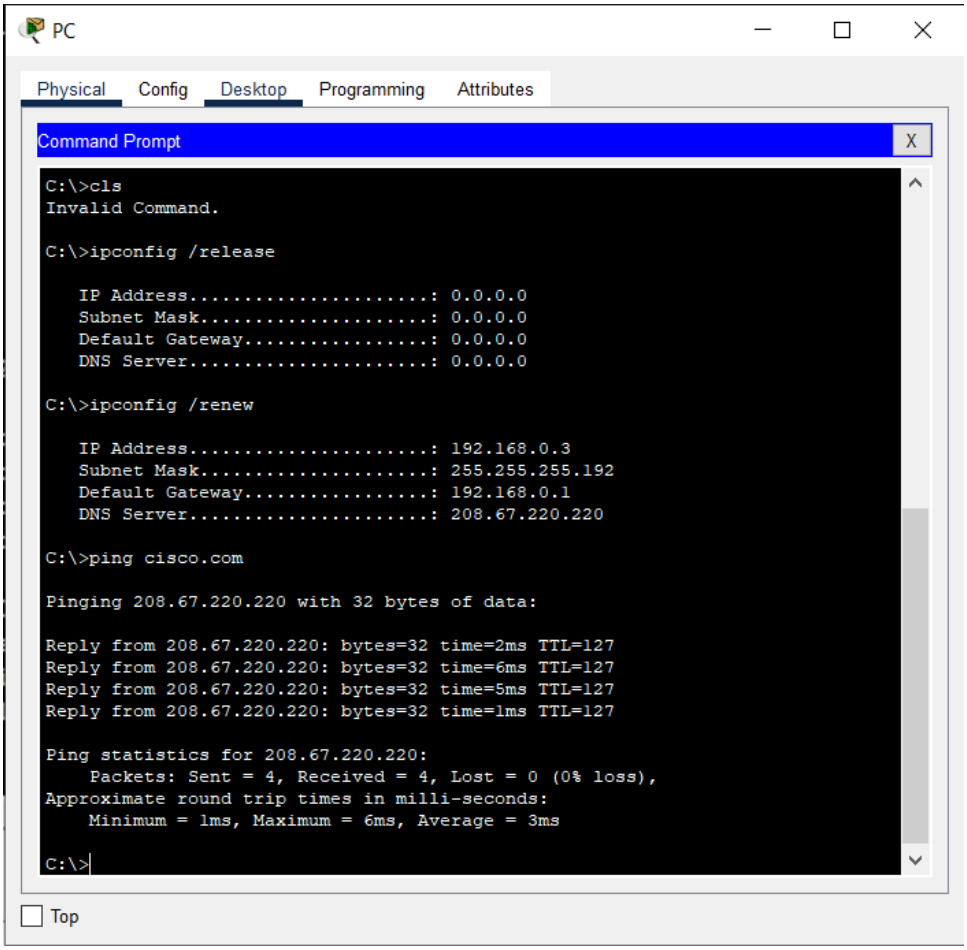

Cisco.com
Physical
Config
Services
Desktop
Programming
Attributes
GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0
Global Settings
Display Name
Cisco.com
Gateway/DNS IPv4
DHCP
Static
Default Gateway
208.67.220.1
DNS Server
208.67.220.220
Gateway/DNS IPv6
Automatic
Static
Default Gateway
DNS Server
Top



DHCP and Service Configuration, Global Configuration and Ethernet Interface Configuration

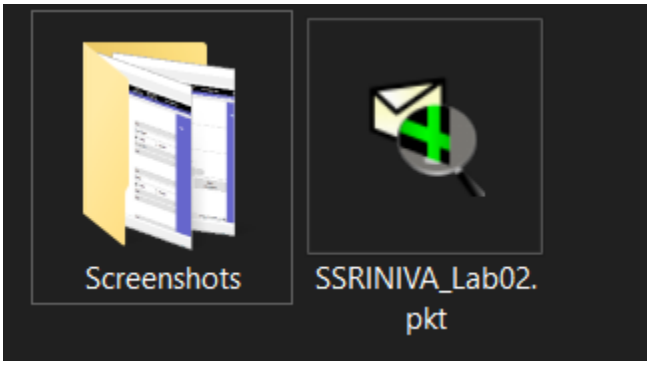
Part 3: Verifying Connectivity





Renew ipconfig and ping the cisco.com server

Part 4: Saving the file



File is saved as SSRINIVA_Lab02.pkt on the filesystem