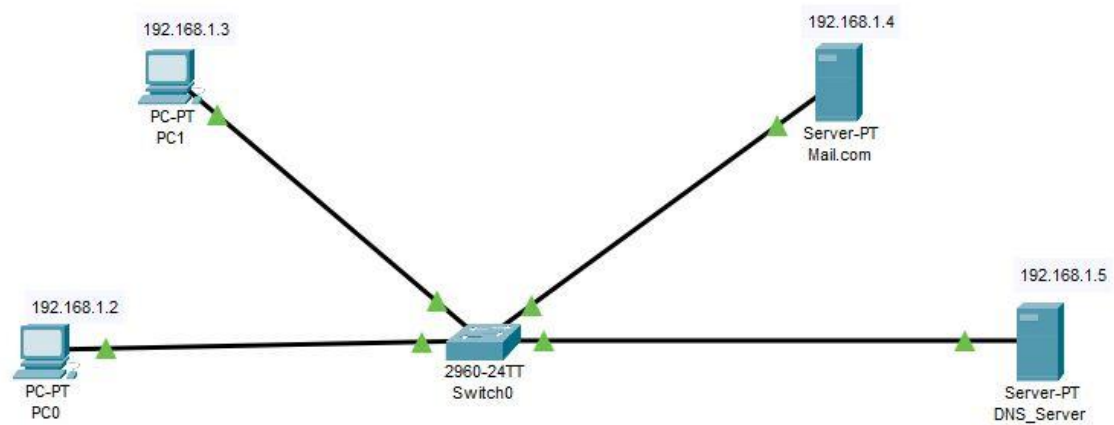


Name: Waqar Ahmed

RollNo: 20P-0750

LabTask 06



2. Configure IP addresses on the PCs, DNS Server and the Mail Server

- Mail Server IP address: 192.168.1.5
- PC0 IP address: 192.168.1.11
- PC1 IP address: 192.168.1.12
- DNS server IP address: 192.168.1.4

3. Configure mail clients on the PCs and mail service on the generic server.

Mail Clients:

pc0:

PC0:192.168.1.11

Physical Config **Desktop** Programming Attributes

Configure Mail X

User Information

Your Name: user2

Email Address: user2@mail.com

Server Information

Incoming Mail Server: mail.com

Outgoing Mail Server: mail.com

Logon Information

User Name: user2

Password: ...

Save Remove Clear Reset

pc1:

PC1:192.168.1.12

Physical Config **Desktop** Programming Attributes

Configure Mail X

User Information

Your Name: user1

Email Address: user1@mail.com

Server Information

Incoming Mail Server: mail.com

Outgoing Mail Server: mail.com

Logon Information

User Name: user1

Password: ...

Save Remove Clear Reset

Mail Server:

Next, we'll configure the email server.

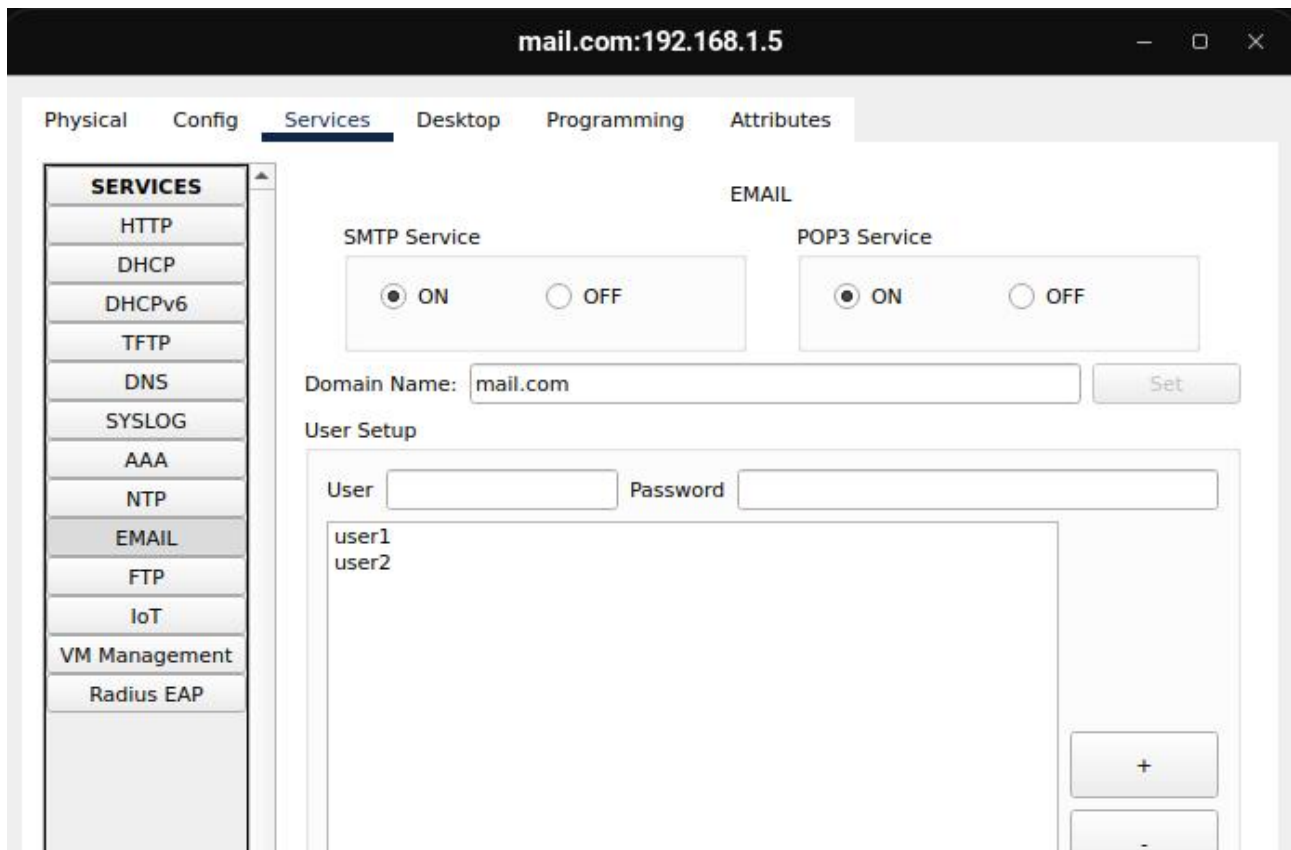
To do this, click on the server, then click Services tab, pick email server from the menu.

Provide the Domain name of the server then click on Set to set it. In this example I've used the name 'mail.com'.

Proceed and add users and provide their passwords. I have two email clients(users) with

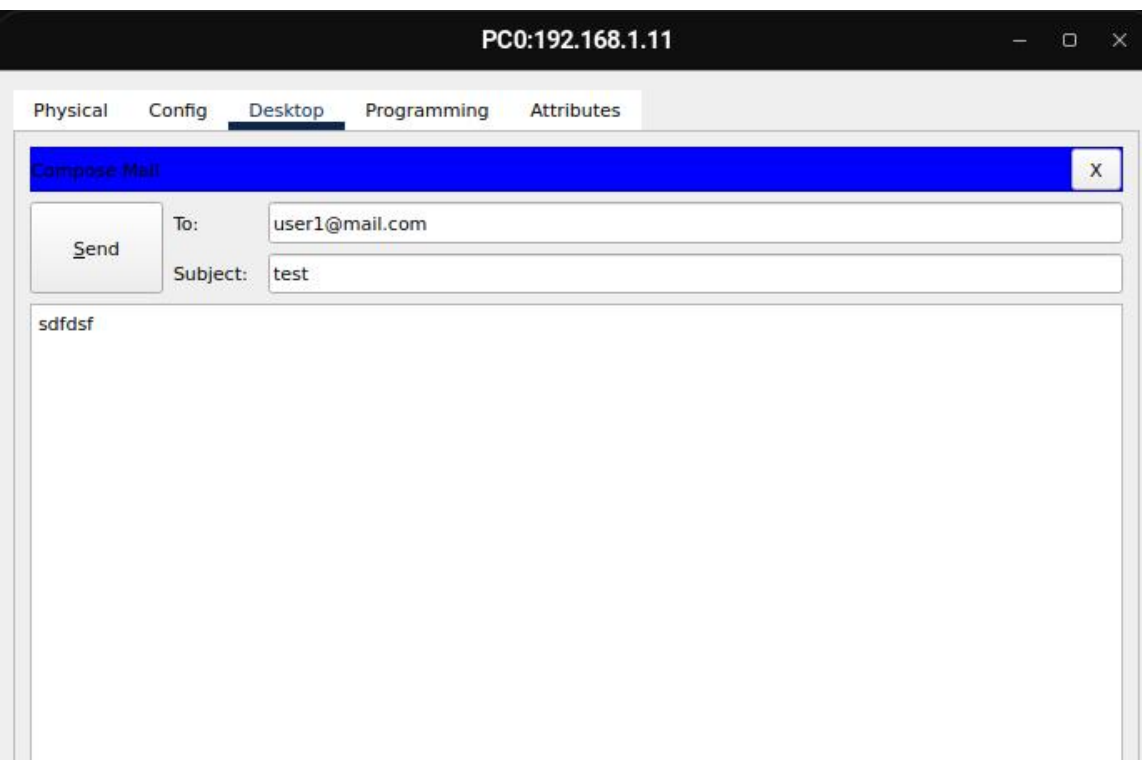
usernames 'user1' and 'user2' with a common password 'admin'

After entering a username and password, click on Add(+) to add the user to the server. You can

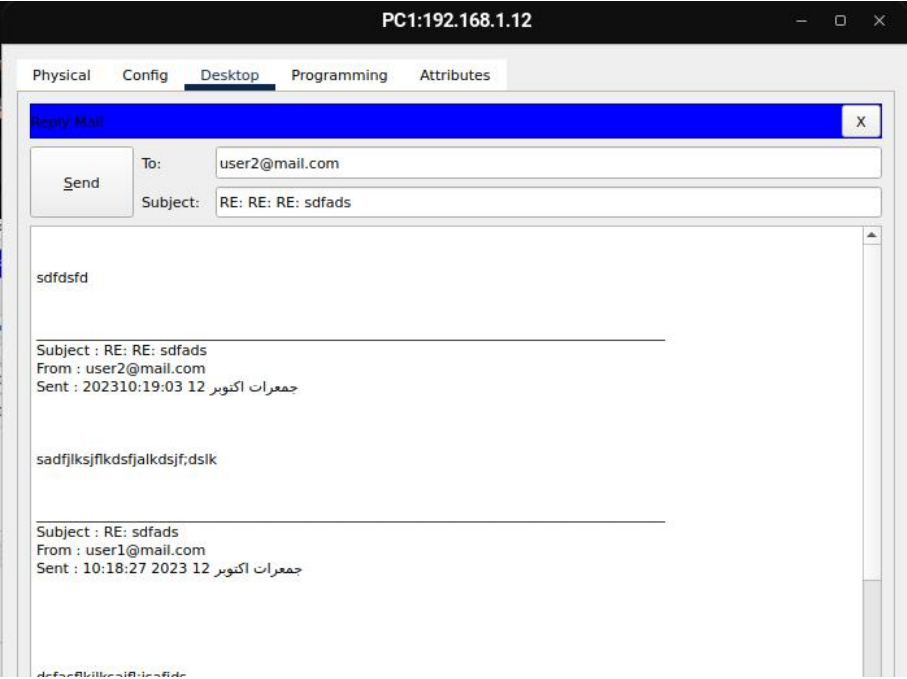


4. Lastly test the email service.

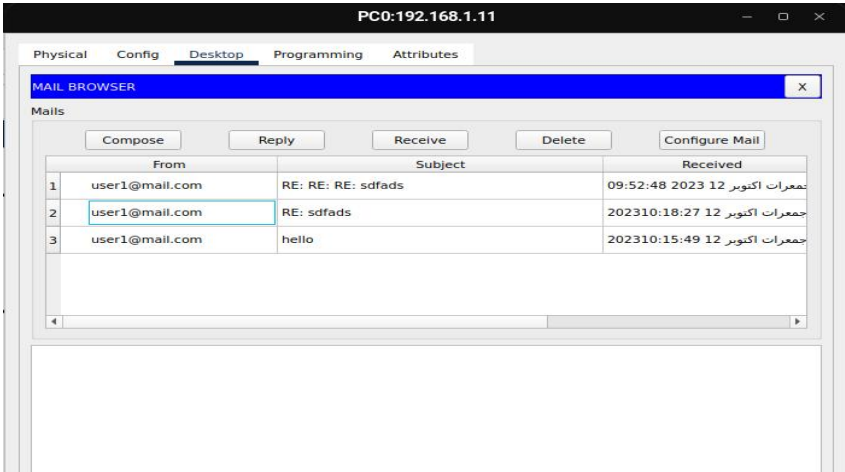
Go to PC0 email client, compose an email and send it to PC1 email address



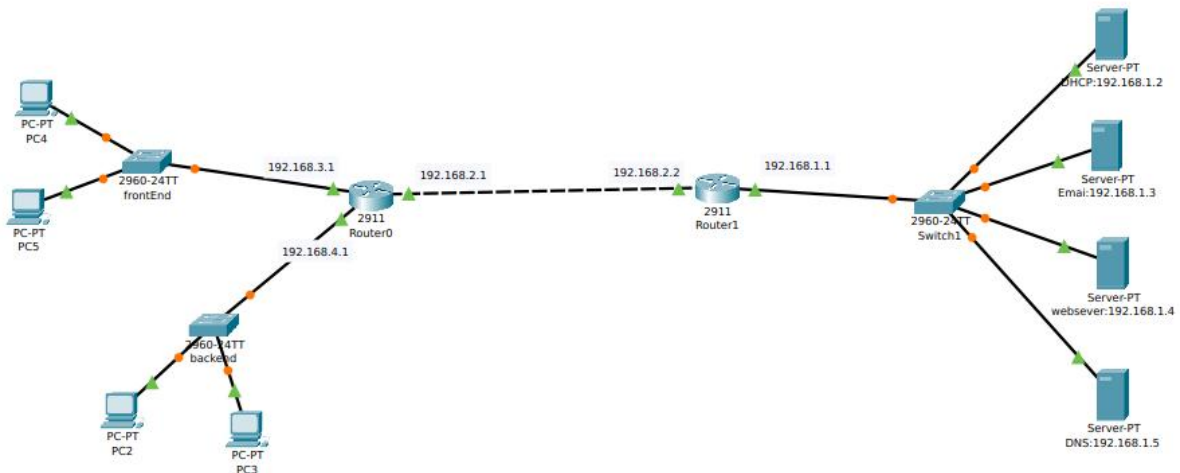
Replying to user 1:



received:



TOPOLOGY:



. Configure IP addresses on the Pcs, Routers, DNS Server, Web Server, DHCP and the Mail Server

- Mail Server IP address: 192.168.1.3
- Dhcp IP address: 192.168.1.2
- Web Server IP address: 192.168.1.4
- Frontend network IP address: 192.168.3.1
- Backend network IP address: 192.168.4.1
- Management network IP address: 192.168.1.1
- PC0 IP address: 192.168.1.11
- PC1 IP address: 192.168.1.12
- DNS server IP address: 192.168.1.5

2: DHCP SERVER CONFIG:

DHCP:192.168.1.2

ig Services Desktop Programming Attributes

DHCP

Interface: FastEthernet0 Service: ☒ On ☐ Off

Pool Name: serverPool

Default Gateway: 192.168.1.1

DNS Server: 192.168.1.5

Start IP Address: 192.168.1.11

Subnet Mask: 255.255.255.0

Maximum Number of Users: 245

TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

Add Save Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
backend	192.16...	192.16...	192.16...	255.25...	245	0.0.0.0	0.0.0.0
frontend	192.16...	192.16...	192.16...	255.25...	245	0.0.0.0	0.0.0.0
serverPool	192.16...	192.16...	192.16...	255.25...	245	0.0.0.0	0.0.0.0

3:EMAIL SERVER CONFIG:

Email:192.168.1.3

ig

Services

Desktop

Programming

Attributes

EMAIL

SMTP Service

☒ ON

☐ OFF

POP3 Service

☒ ON

☐ OFF

Domain Name:

mt.com

Set

User Setup

User

emp1

emp2

emp3

emp4

Password

+

-

Change

Password

4:DNS SERVER CONFIG:

DNS:192.168.1.5

Services

Desktop

Programming

Attributes

DNS

DNS Service

☒ On

☐ Off

Resource Records

Name

Type

A Record

Address

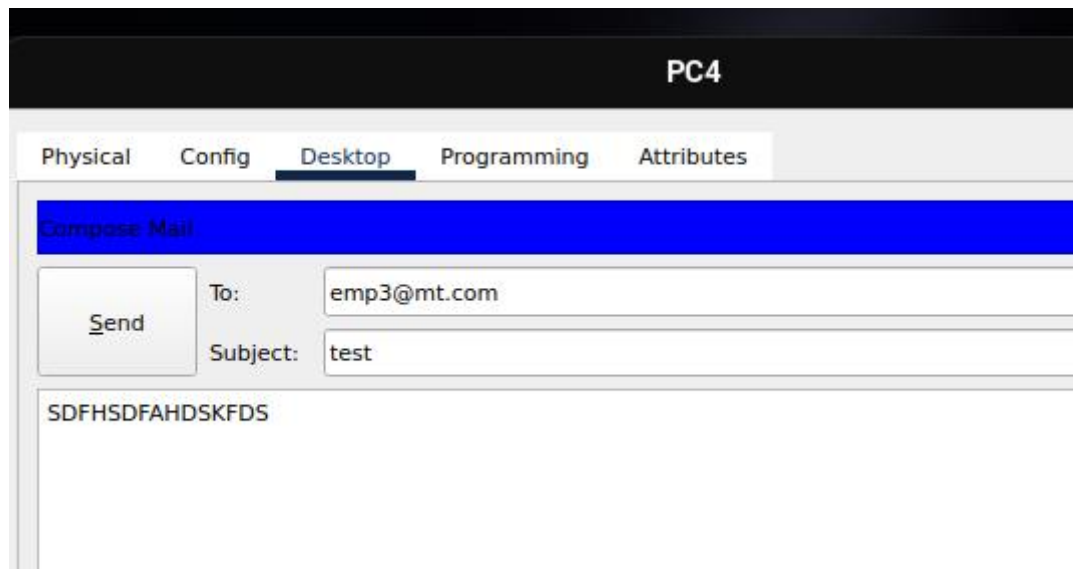
Add

Save

Remove

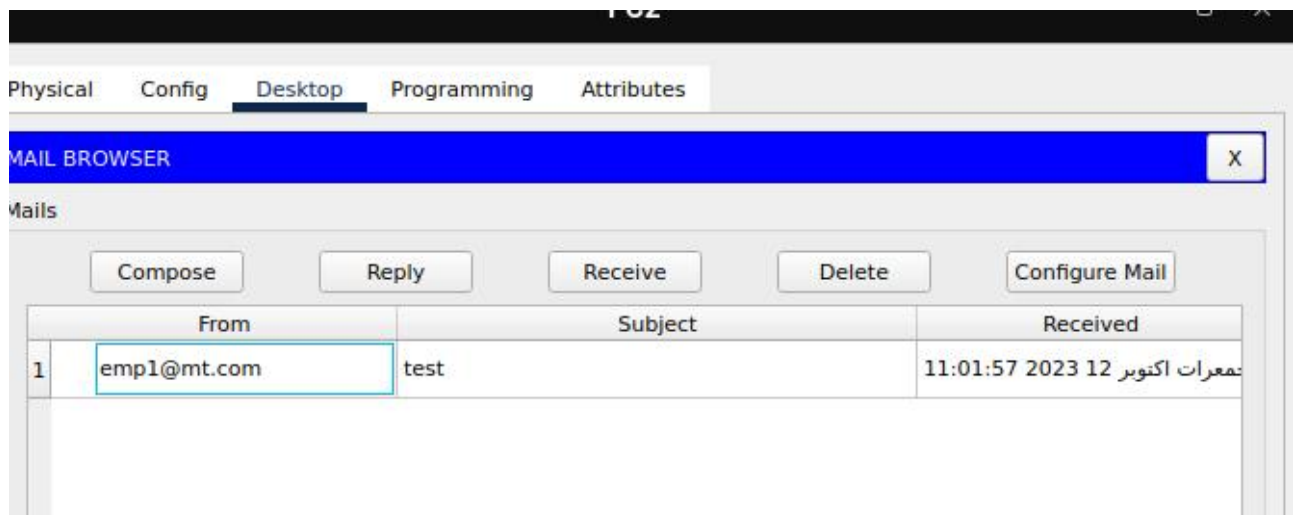
No.	Name	Type	Detail
0	mt.com	A Record	192.168.1.3
1	www.mastertech.com	A Record	192.168.1.4

5:from
ntend
netwo
rk to
backe
nd
netwo
rk
email:

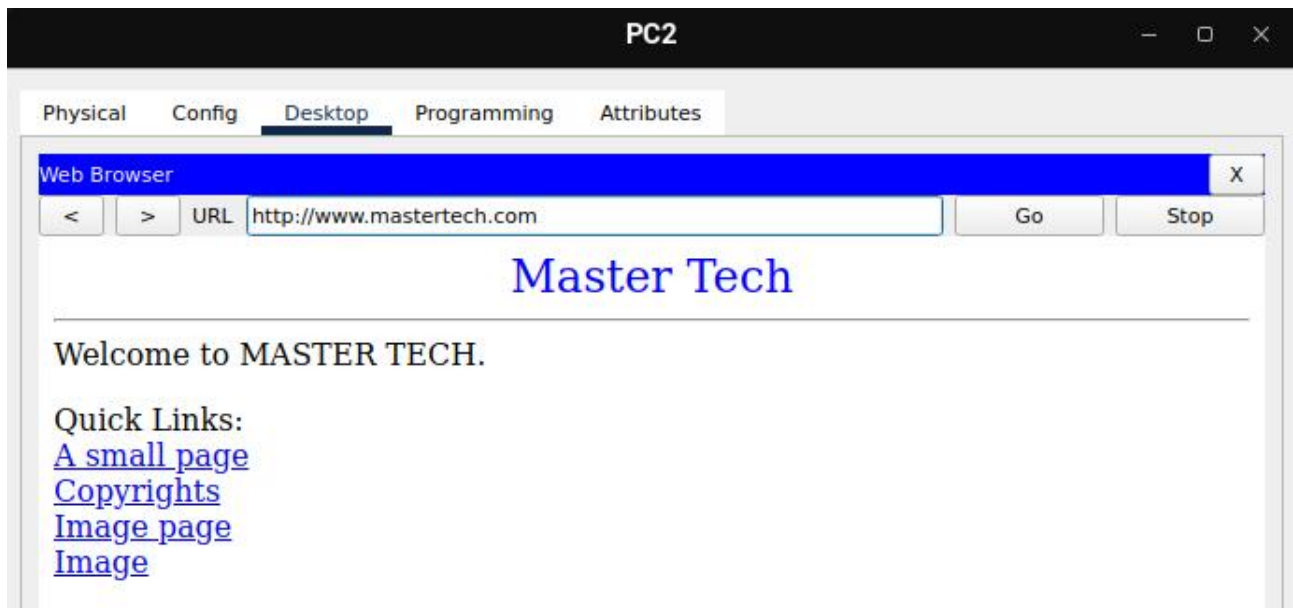


6:RE
CEI
VED
EMA
IL
FRO
M
FRO
NT
END
TO

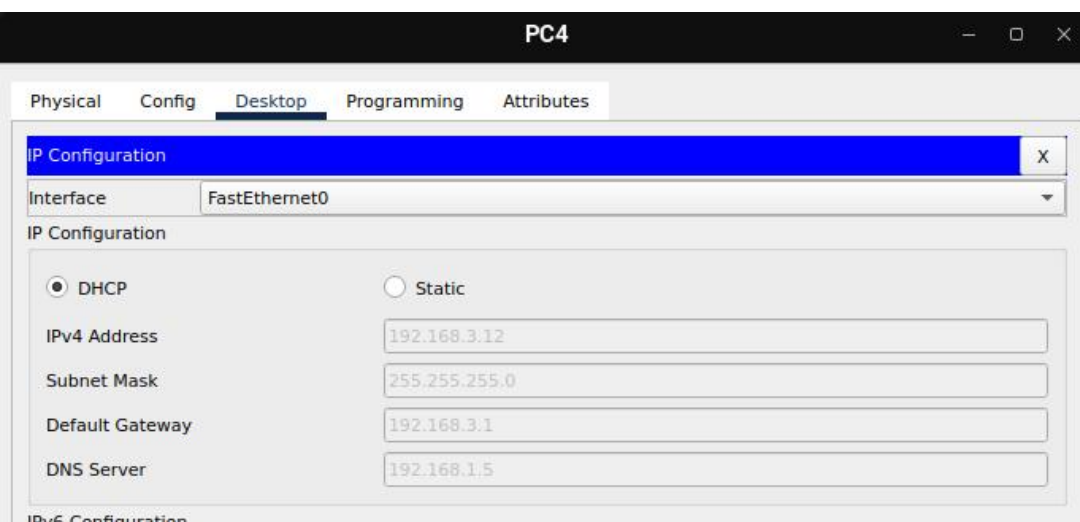
BACKEND:



7:Web Server Testing:



8: Dhcp ips test:



Frontend network:

Backend network:

