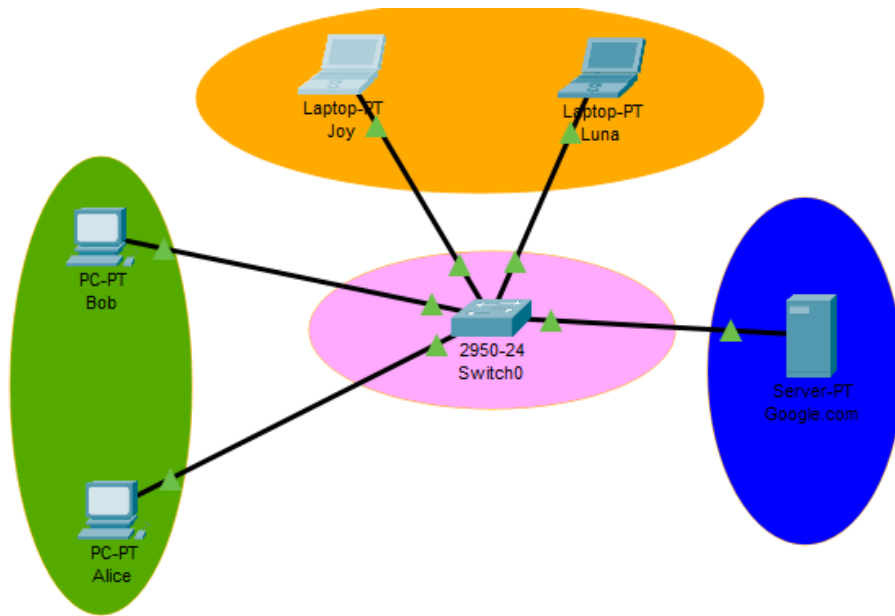
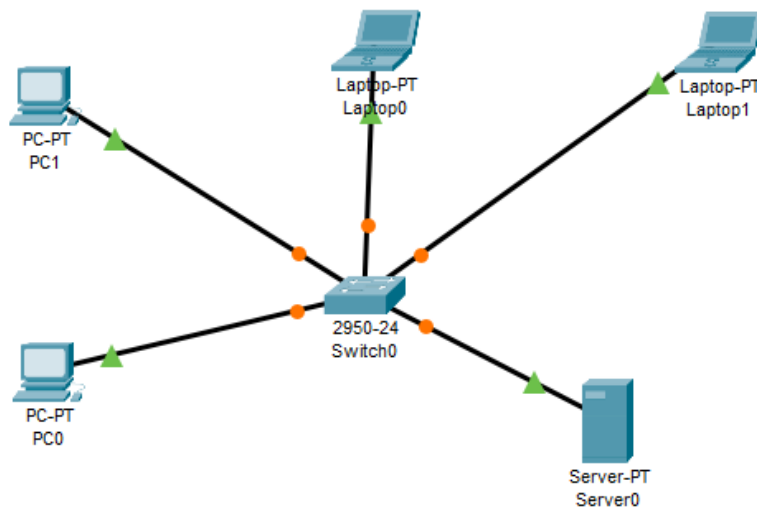


Network Topology



Step 01:

Take Two PCs, Laptops, and one server and 1 switch and connected them through wire:



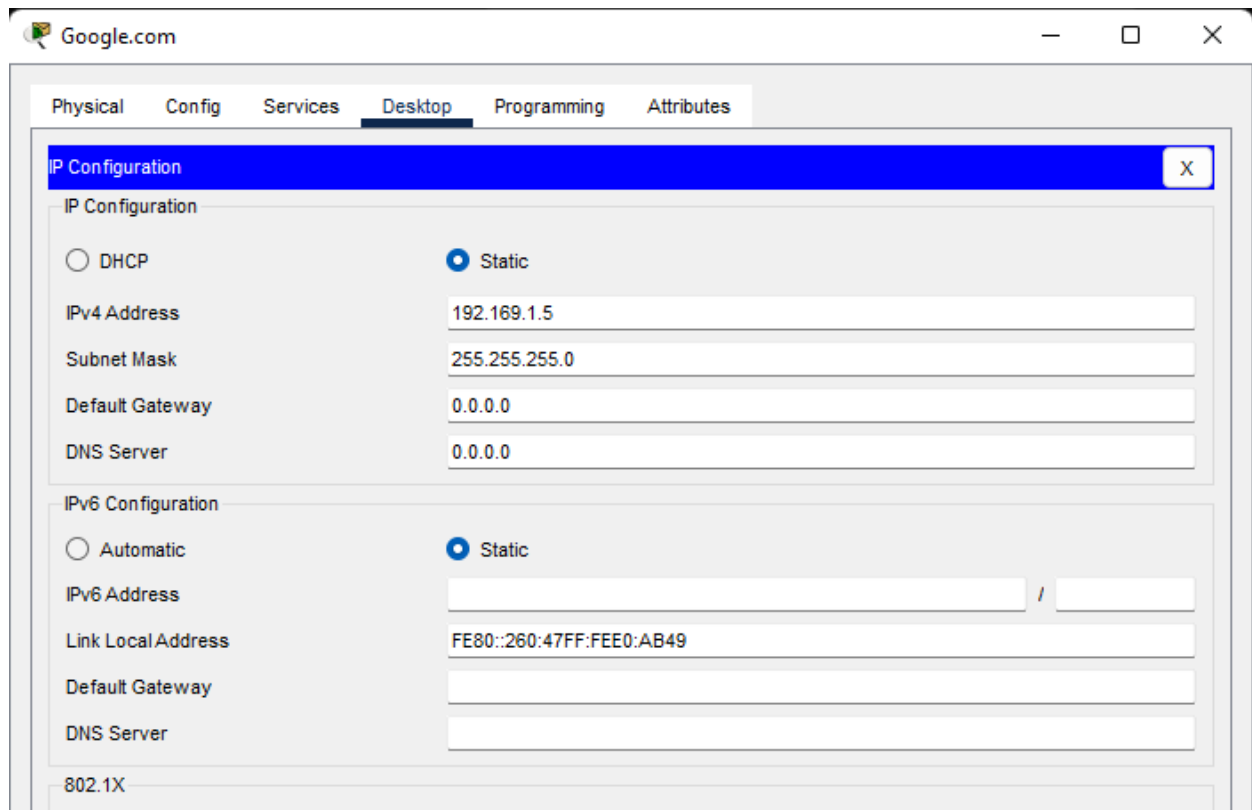
Step 02:

Configure the Domain Name and Add user:

Any email server will need a domain name. For instance, Google runs its email services on the domain Gmail.com. To set a domain for the Email server, Navigate to **Services>Email**, and you will see the option to set the domain name of the email server. and add a user to the server:

The screenshot shows a web interface for configuring a device. At the top, there are tabs: Physical, Config, Services (selected), Desktop, Programming, and Attributes. On the left, a sidebar lists various services: SERVICES, HTTP, DHCP, DHCPv6, TFTP, DNS, SYSLOG, AAA, NTP, EMAIL (selected), FTP, IoT, VM Management, and Radius EAP. The main content area is titled 'EMAIL' and contains two sections: 'SMTP Service' and 'POP3 Service'. Both have radio buttons for 'ON' (selected) and 'OFF'. Below these, there is a 'Domain Name' field with 'google.com' entered and a 'Set' button. Underneath is a 'User Setup' section with 'User' and 'Password' input fields. A list of users is shown: Alice, Bob, Joy, and Luna. To the right of this list are buttons for adding (+), removing (-), changing, and password management.

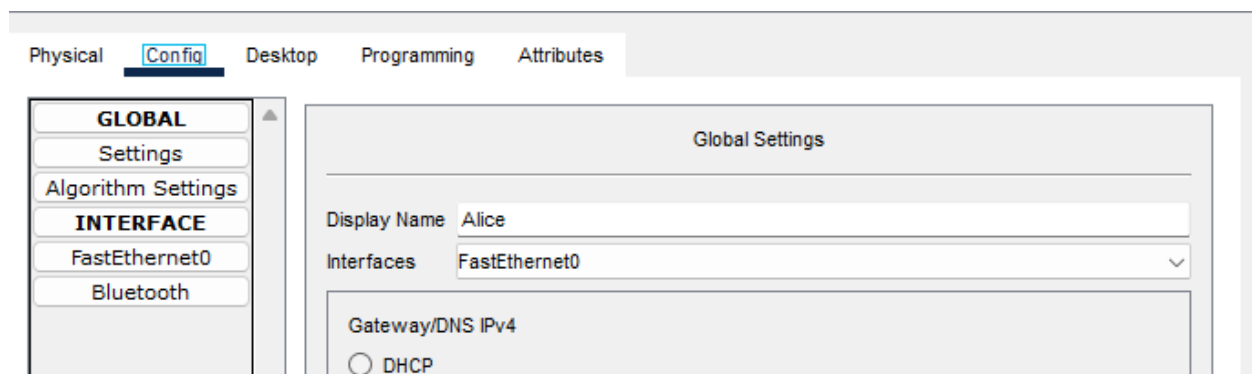
After this Go to Desktop and Config the IP:



Step 03:

Configure the Email Client:

Select the PC 0 and change the display name (All these Process repeated to rest of the pc and laptop):



Go to the Desktop and IP Config and set the Ip address to it:

Alice

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.169.1.2

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::201:63FF:FE7C:6EEB

Default Gateway

DNS Server

802.1X

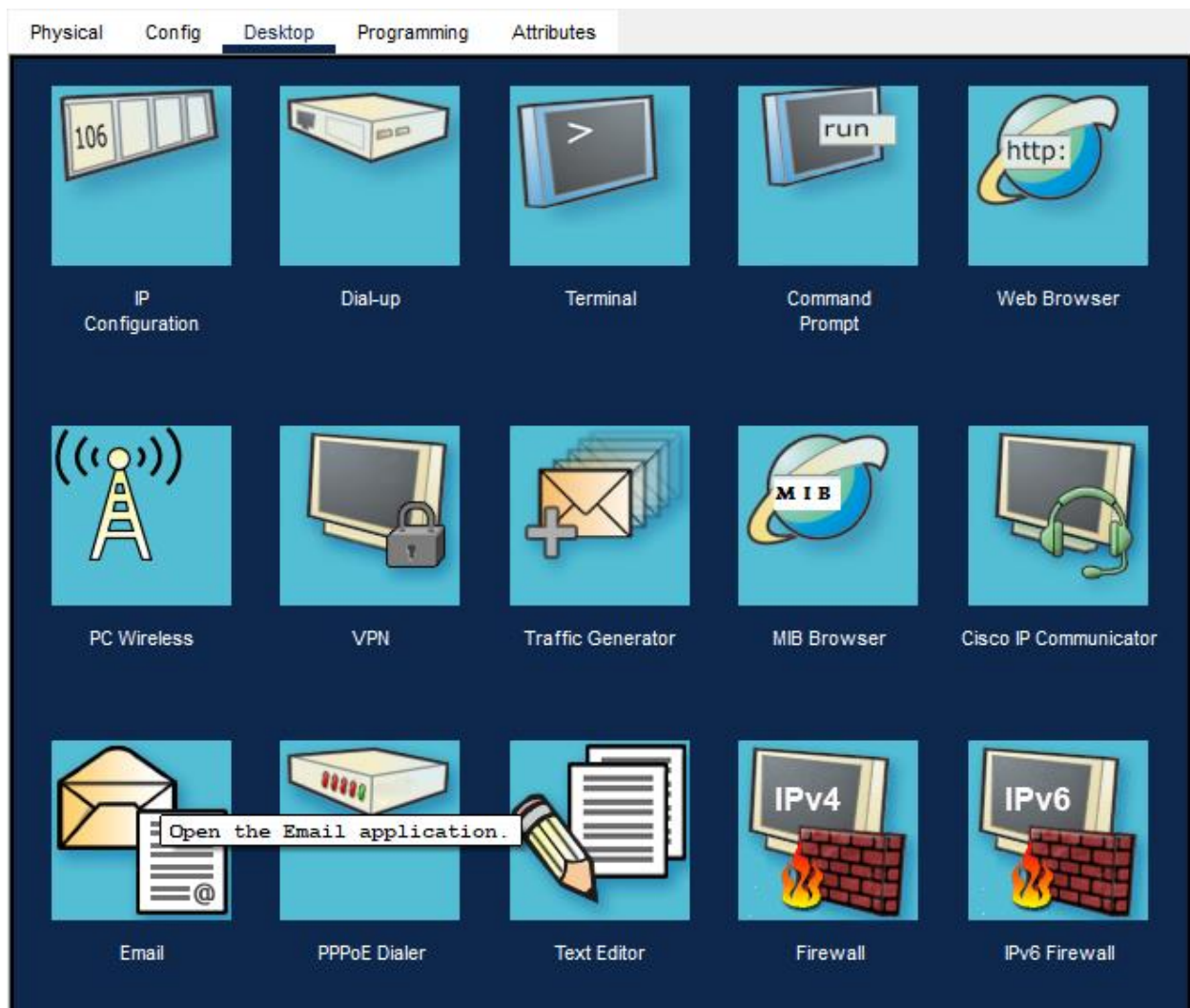
☐ Use 802.1X Security

Authentication MD5

Username

Password

Now again go to desktop and select the Email:



Select Configure mail and giving Following Detail:

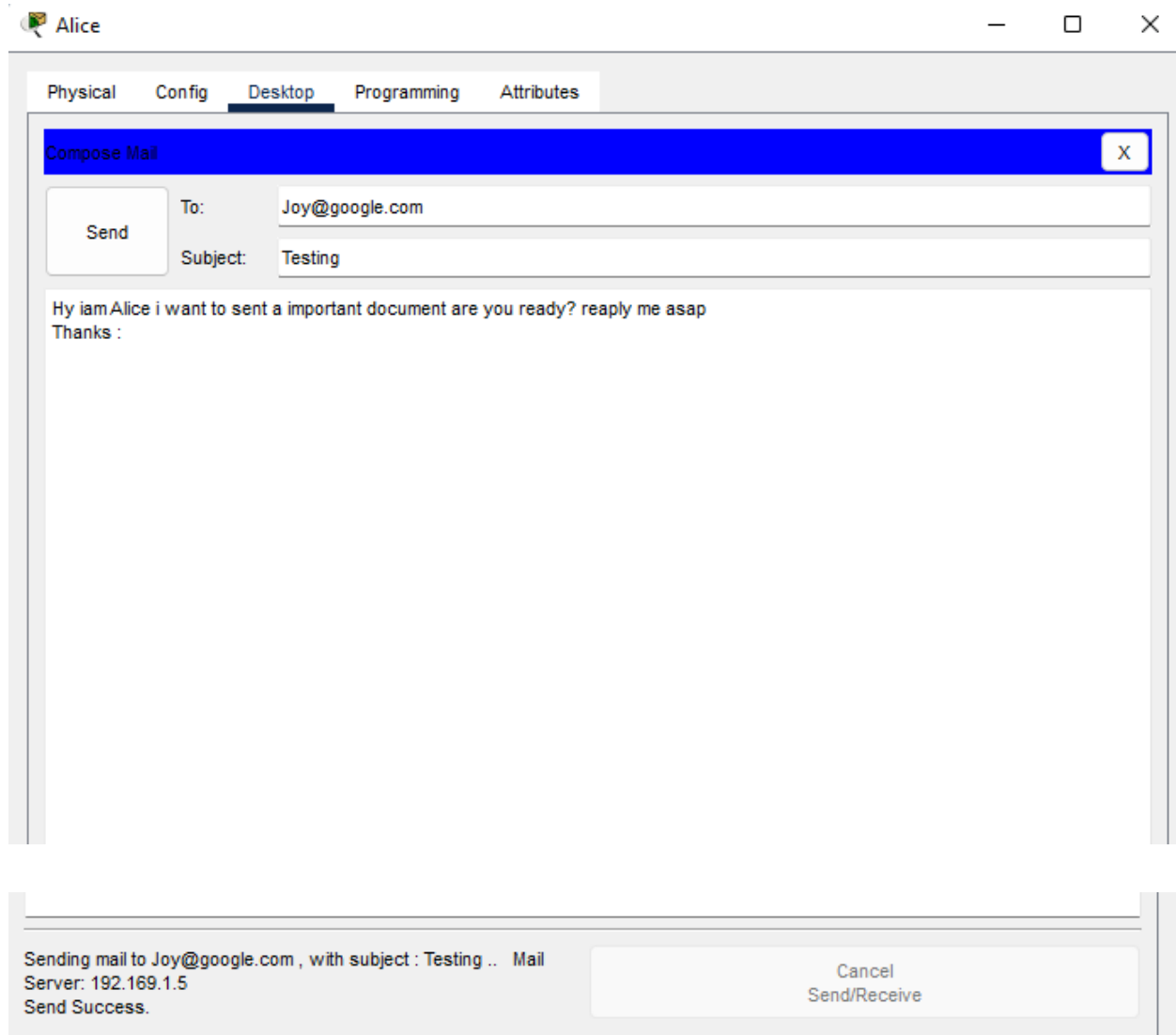
The screenshot shows a window titled 'Alice' with a standard Windows-style title bar (minimize, maximize, close buttons). Inside the window, there are five tabs: 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes'. The 'Desktop' tab is currently selected and highlighted. Within the 'Desktop' tab, there is a sub-dialog box titled 'Configure Mail' with a blue header bar and a close button (X) in the top right corner. The 'Configure Mail' dialog is organized into three sections: 'User Information', 'Server Information', and 'Logon Information'. Each section contains two text input fields. In the 'User Information' section, 'Your Name' is 'Alice' and 'Email Address' is 'Alice@google.com'. In the 'Server Information' section, both 'Incoming Mail Server' and 'Outgoing Mail Server' are '192.169.1.5'. In the 'Logon Information' section, 'User Name' is 'Alice' and 'Password' is represented by two black dots. At the bottom of the dialog, there are four buttons: 'Save', 'Remove', 'Clear', and 'Reset'.

Section	Field	Value
User Information	Your Name:	Alice
	Email Address	Alice@google.com
Server Information	Incoming Mail Server	192.169.1.5
	Outgoing Mail Server	192.169.1.5
Logon Information	User Name:	Alice
	Password:	••

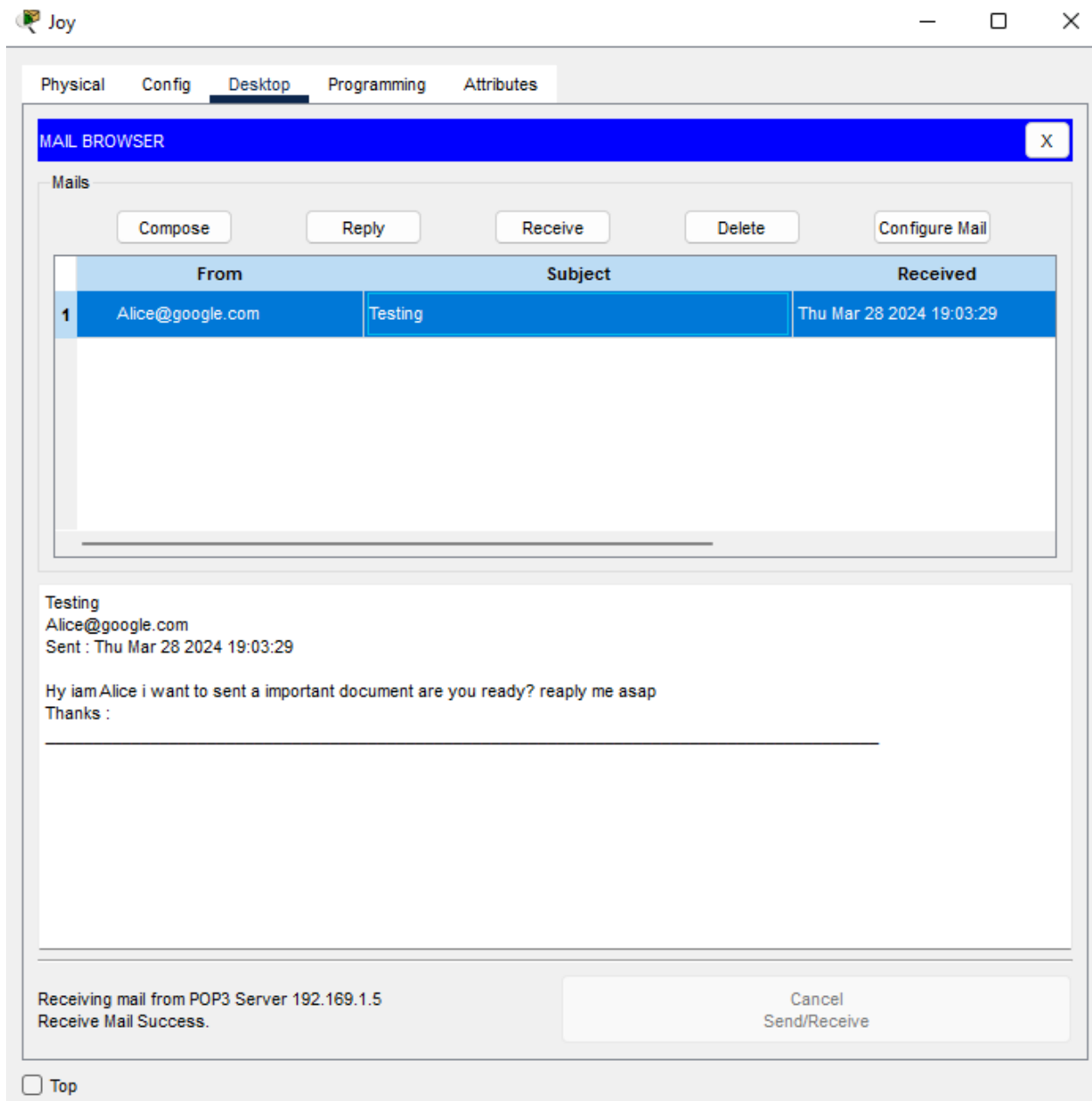
Step 04:

Test Configuration:

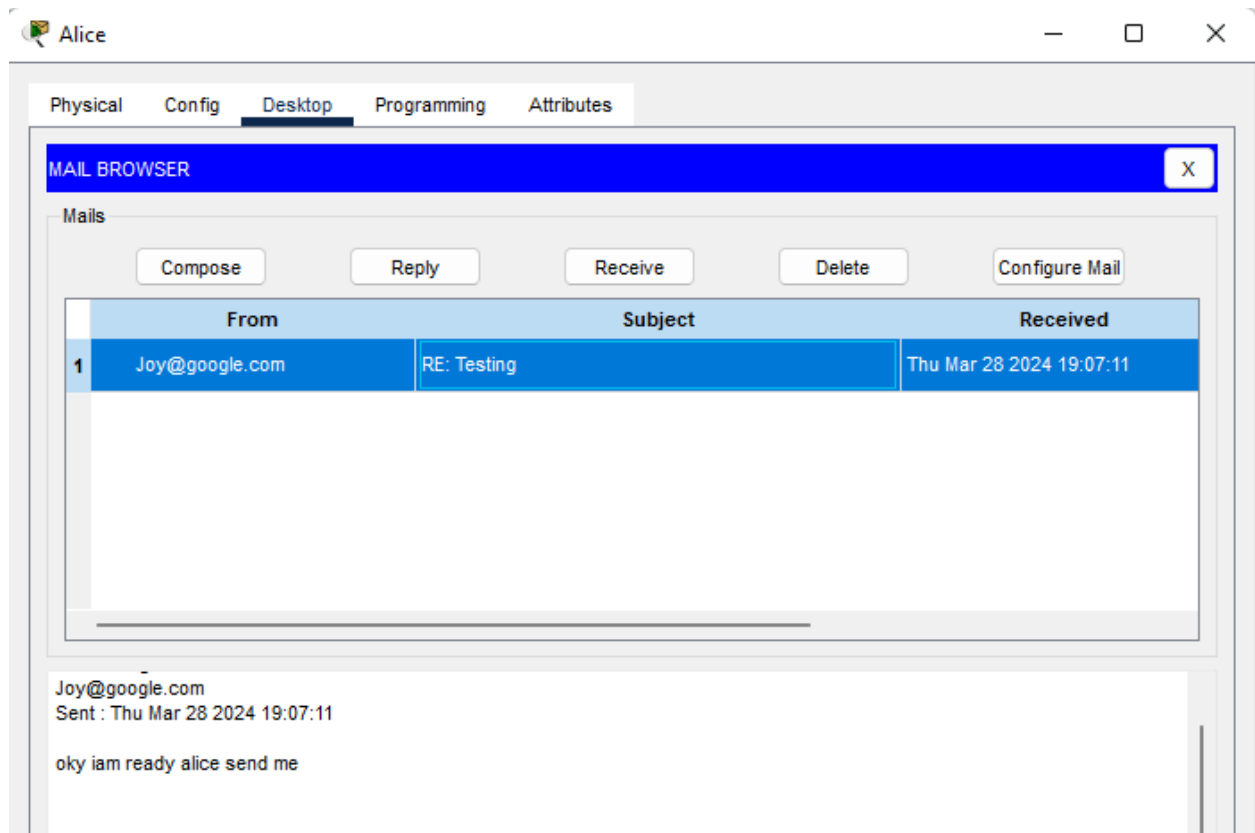
Sending a Mail Alice to Joy:



Now Go to the Joy laptop and receive a mail:



Now Reply the Mail of the Alice when send the Mail Receive the Mail from Alice pc:



conclusion:

In Cisco Packet Tracer, configuring an email server involves setting up SMTP and POP/IMAP protocols, alongside DNS and network configurations for email delivery. By configuring these components, users can establish a functional email server within the Packet Tracer environment for communication needs.