

***LAB REPORT 7***

***Muhammad Rafay***

***20P-0018***

***Computer Networks***

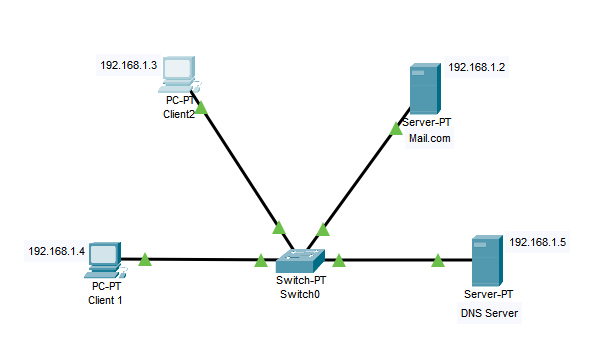
***Sec A***

***About :***

This lab is about experiencing to configure FTP on a generic server and transferring files between client and sever.

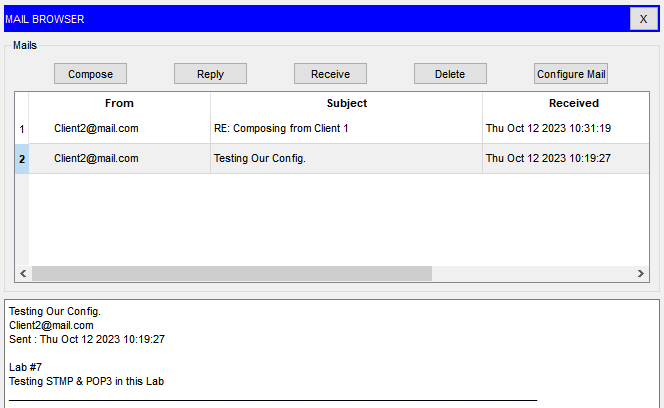
**TASk1.**

**Topology.**

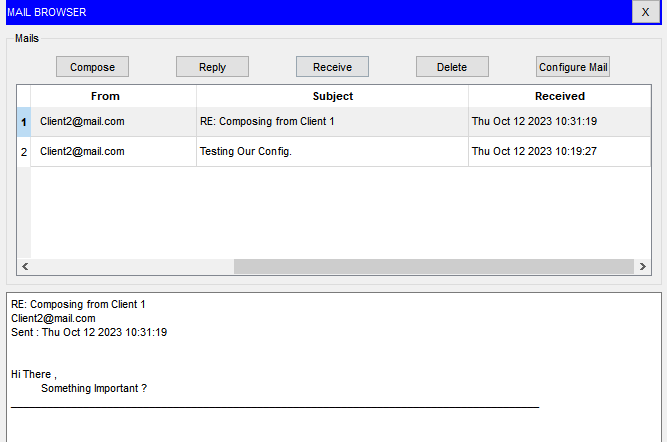


**Client 1 Inbox.**

**Mail received from Client 2.**

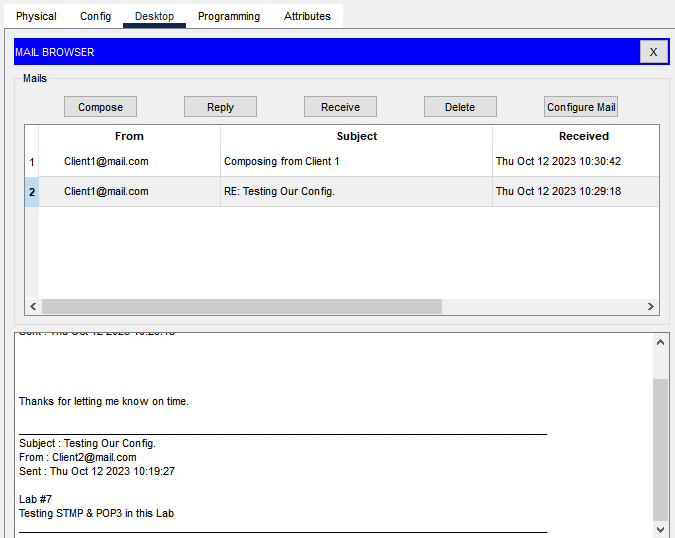


**Reply received from Client 2.**

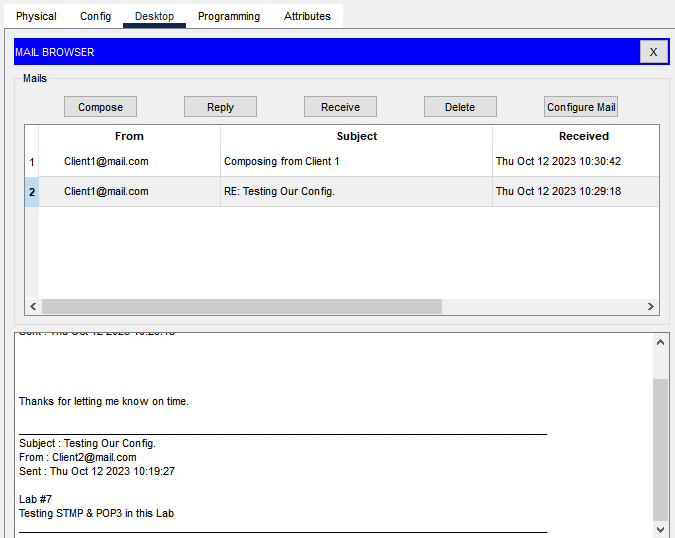


**Client 2 Inbox.**

**Mail received from Client 1.**

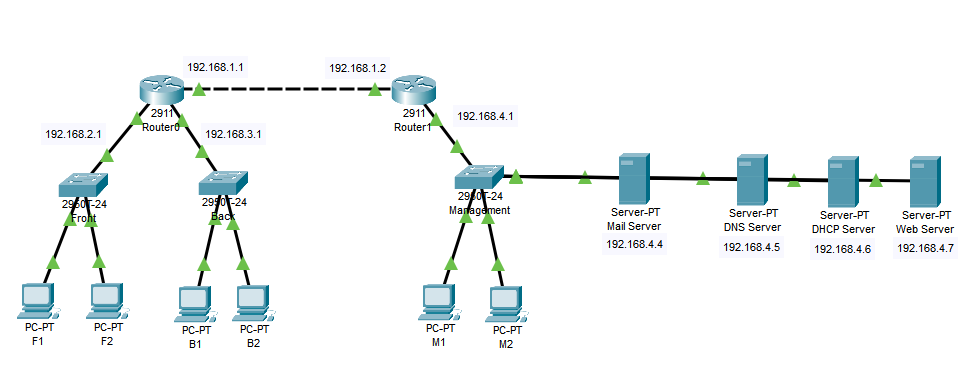


**Reply received from Client 1.**

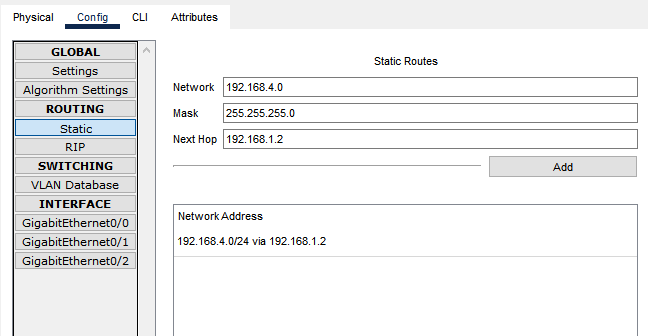


**Task 2.**

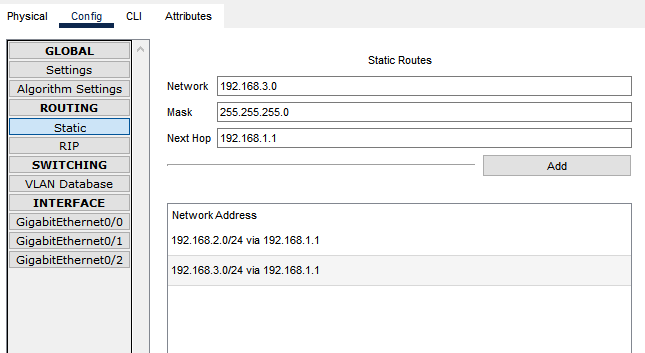
**Topology.**



**Router 0 Static Config.**

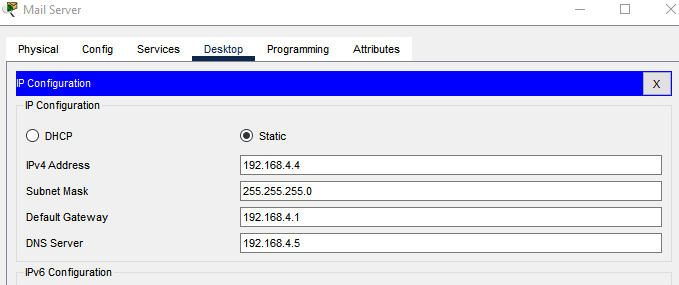


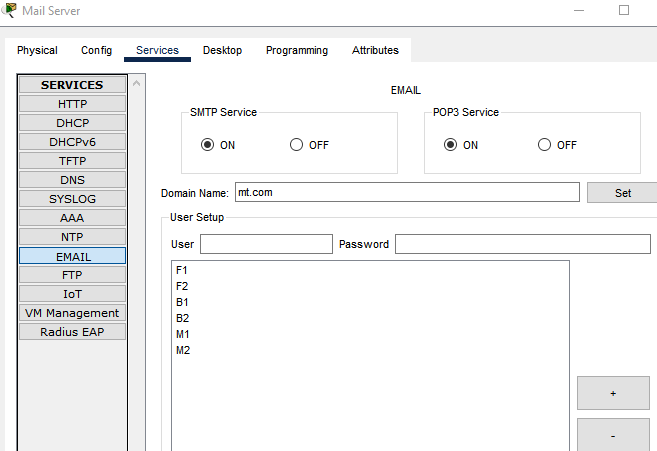
**Router 1 Static Config.**



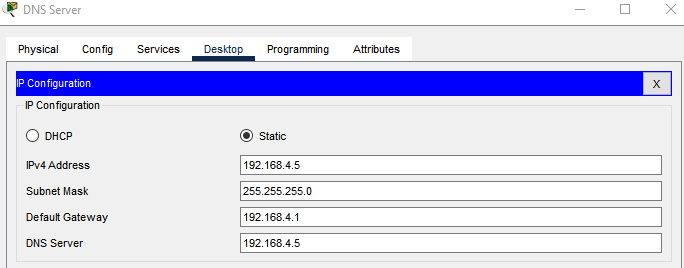
**Configuring Servers.**

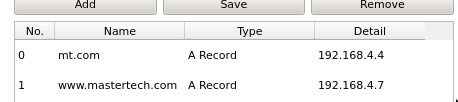
**Mail Server**

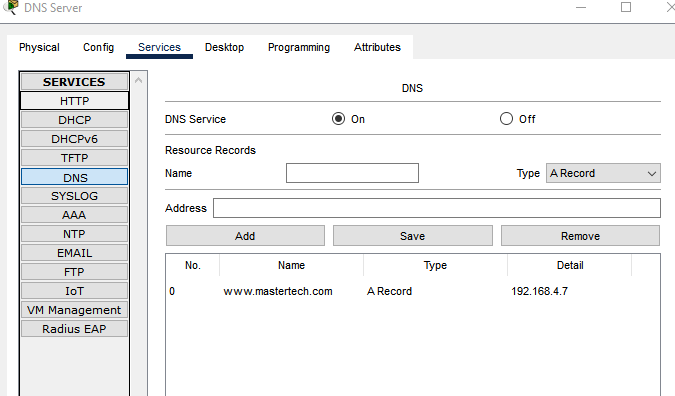




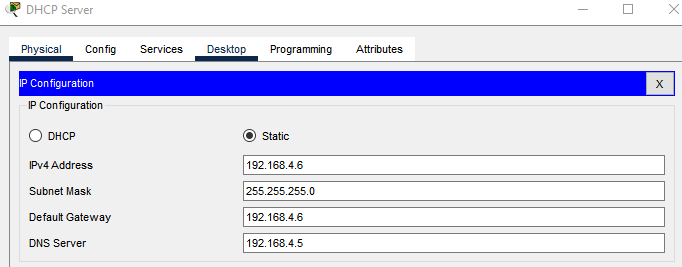
**DNS Server**

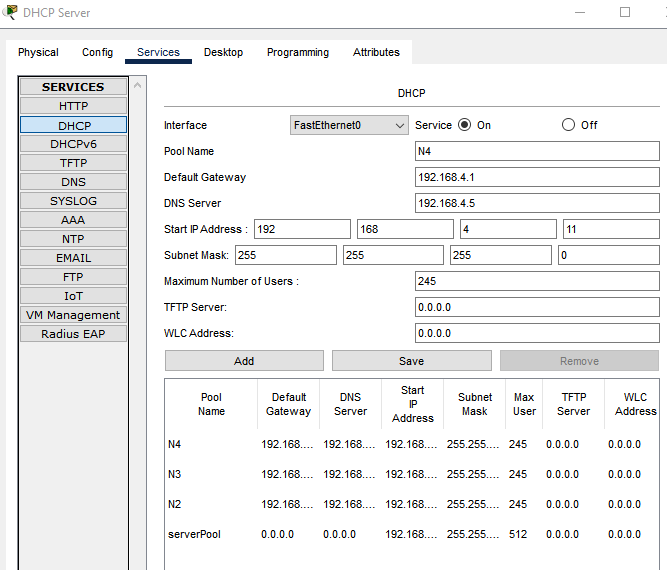




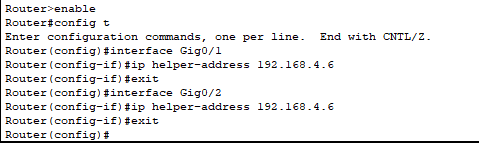


**DHCP Server**

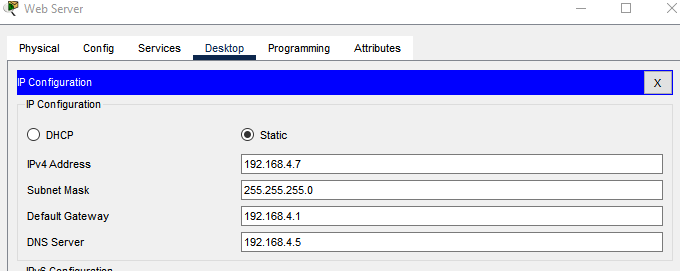


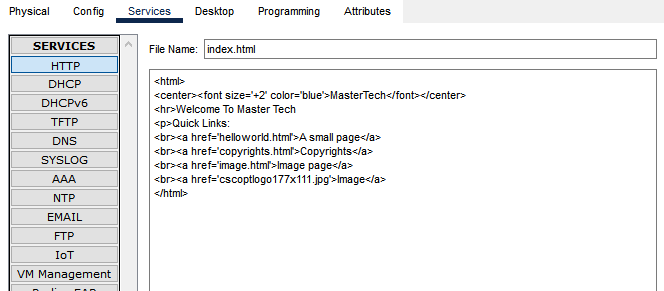


CLI Router Setting for ip Helper-address



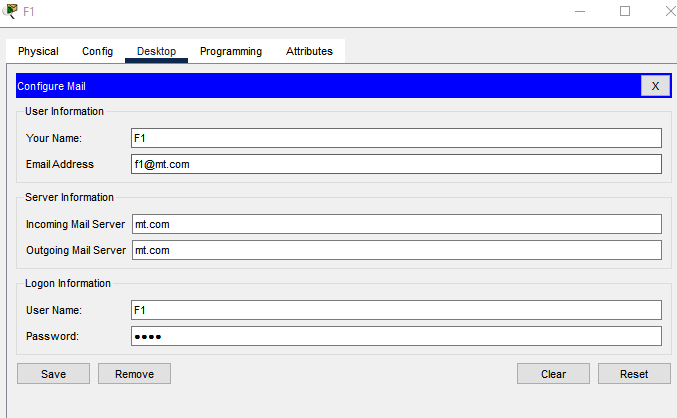
**Web Server.**

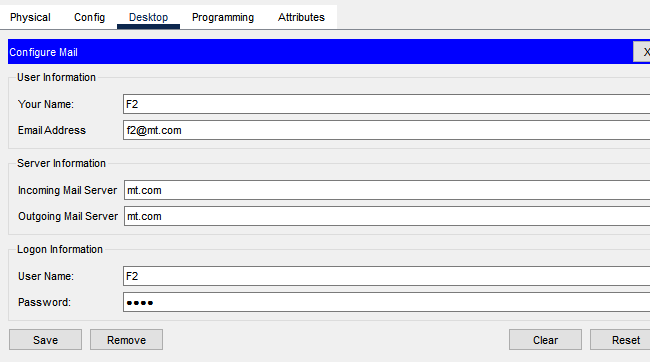




**Assigning Emails and Logging in to our PCs**

**Frontend Dep.**

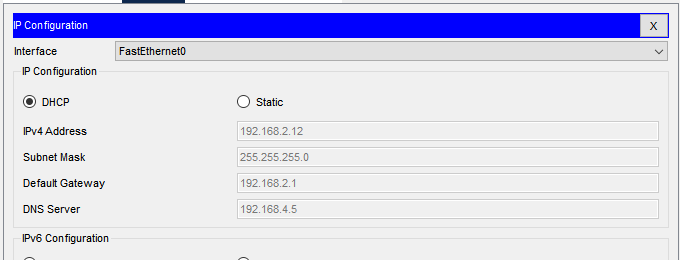




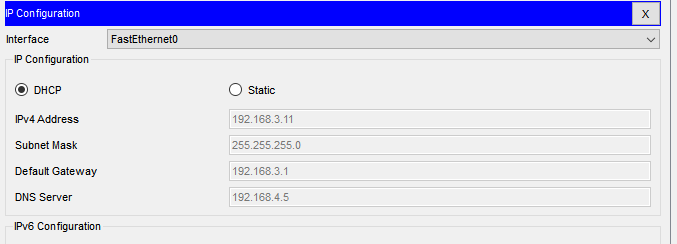
Same goes for the PCs in other departments i.e. back end and management deparatment .

Assigning IPs to our server using DHCP.

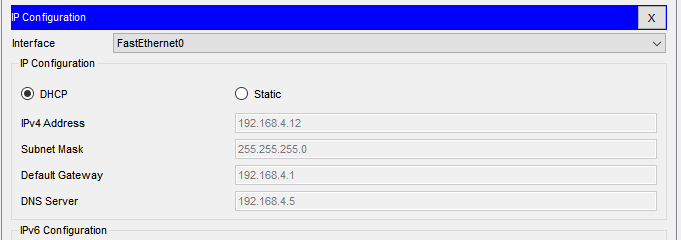
Network 2.0



Network 3.0

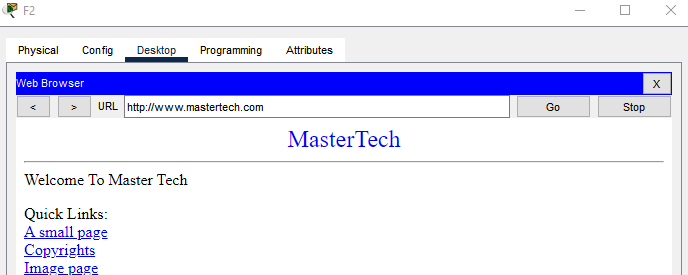


Network 4.0

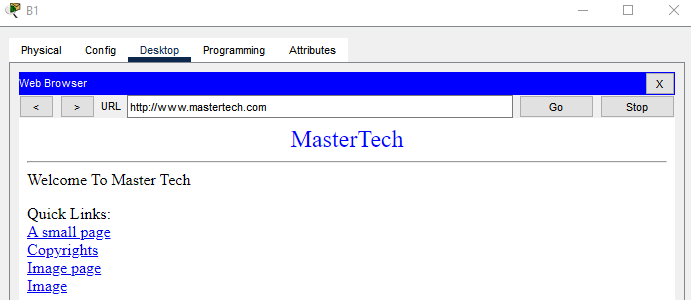


**Accessing our Website using one of our PC**

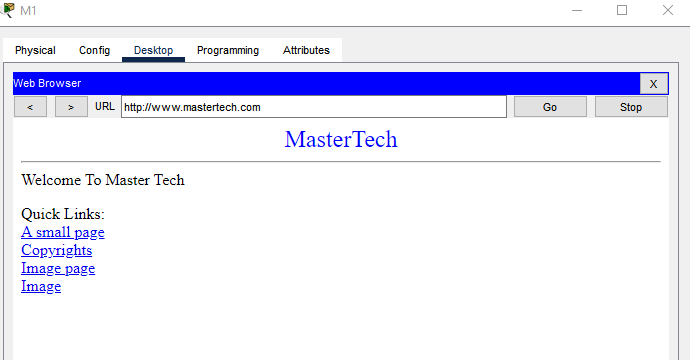
Frontend PC



Backend PC



Management PC



**Testing our mail protocols by sending and replying to some mails.**

