CS361 (Computer Networks Lab) Lab 6
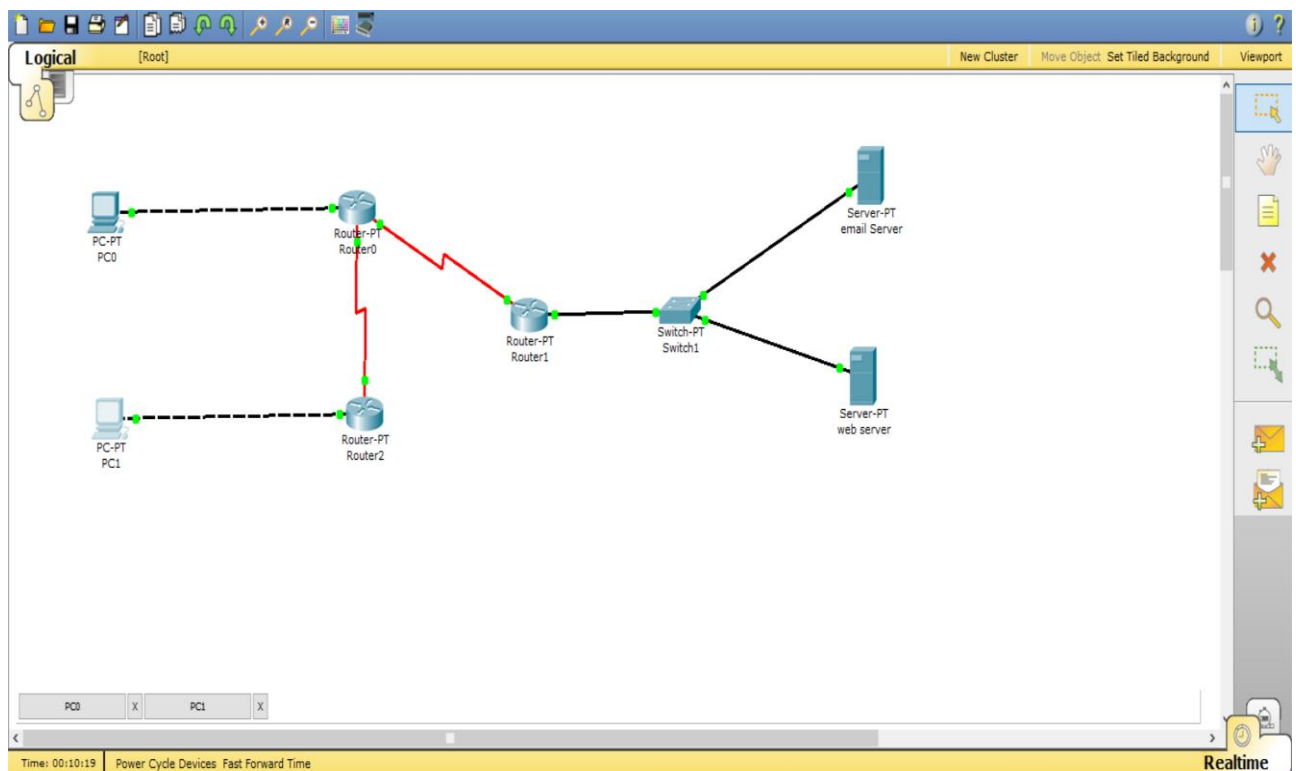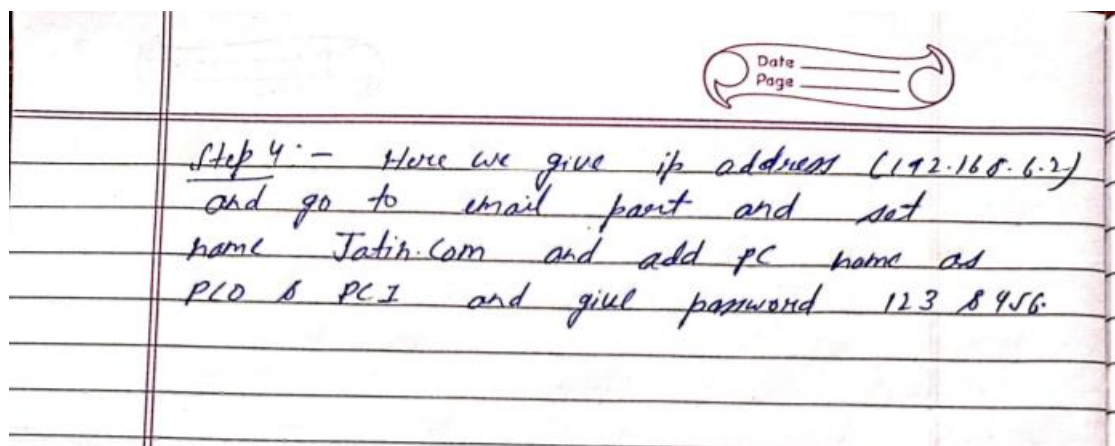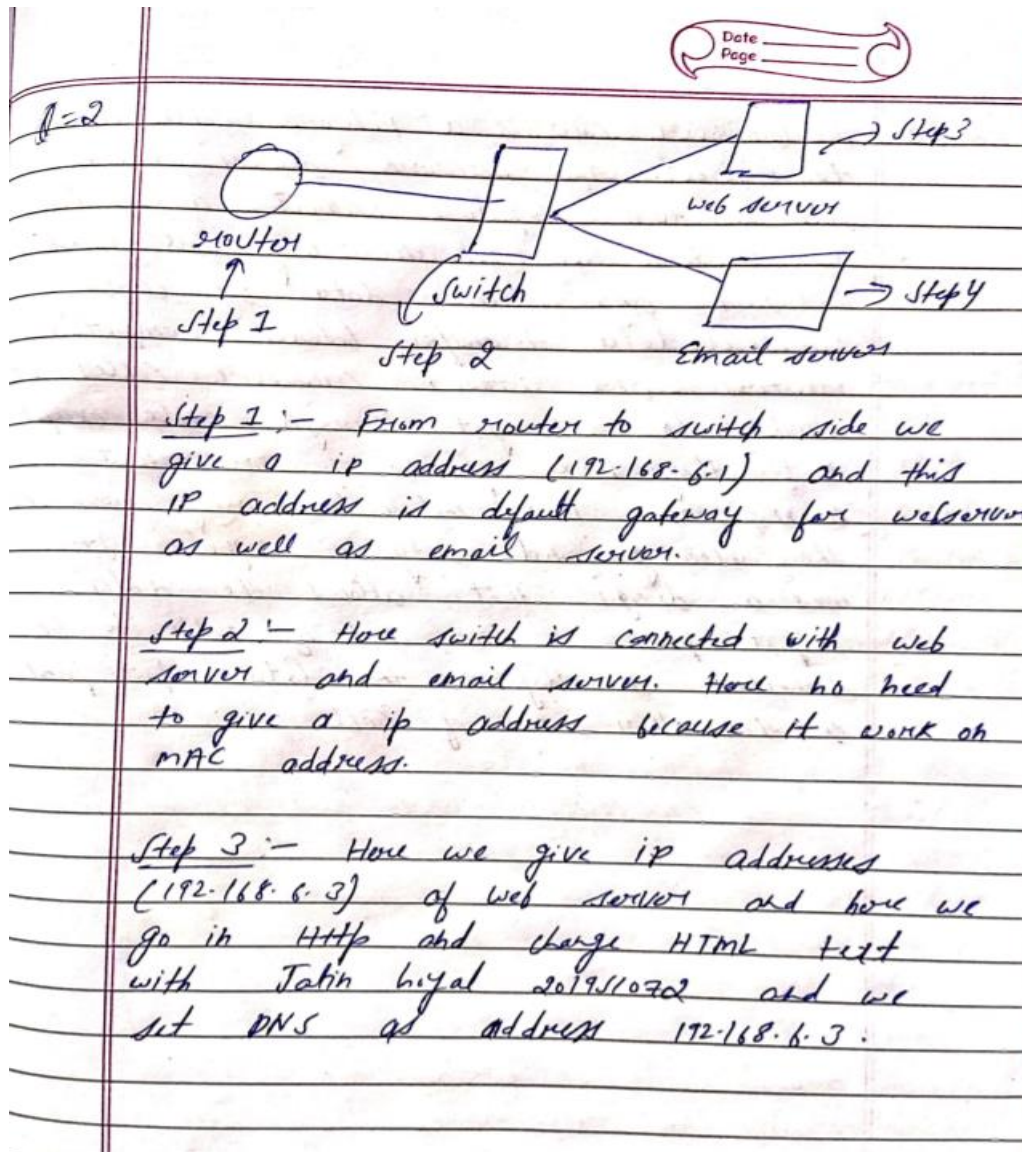
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1B

Problem: You have to design a complex network using minimum **three routers.** You have to do **both web server** and **email server** configuration in same network (the designed network should be able to open the web page and also send the email from one PC to another PC). You have to:
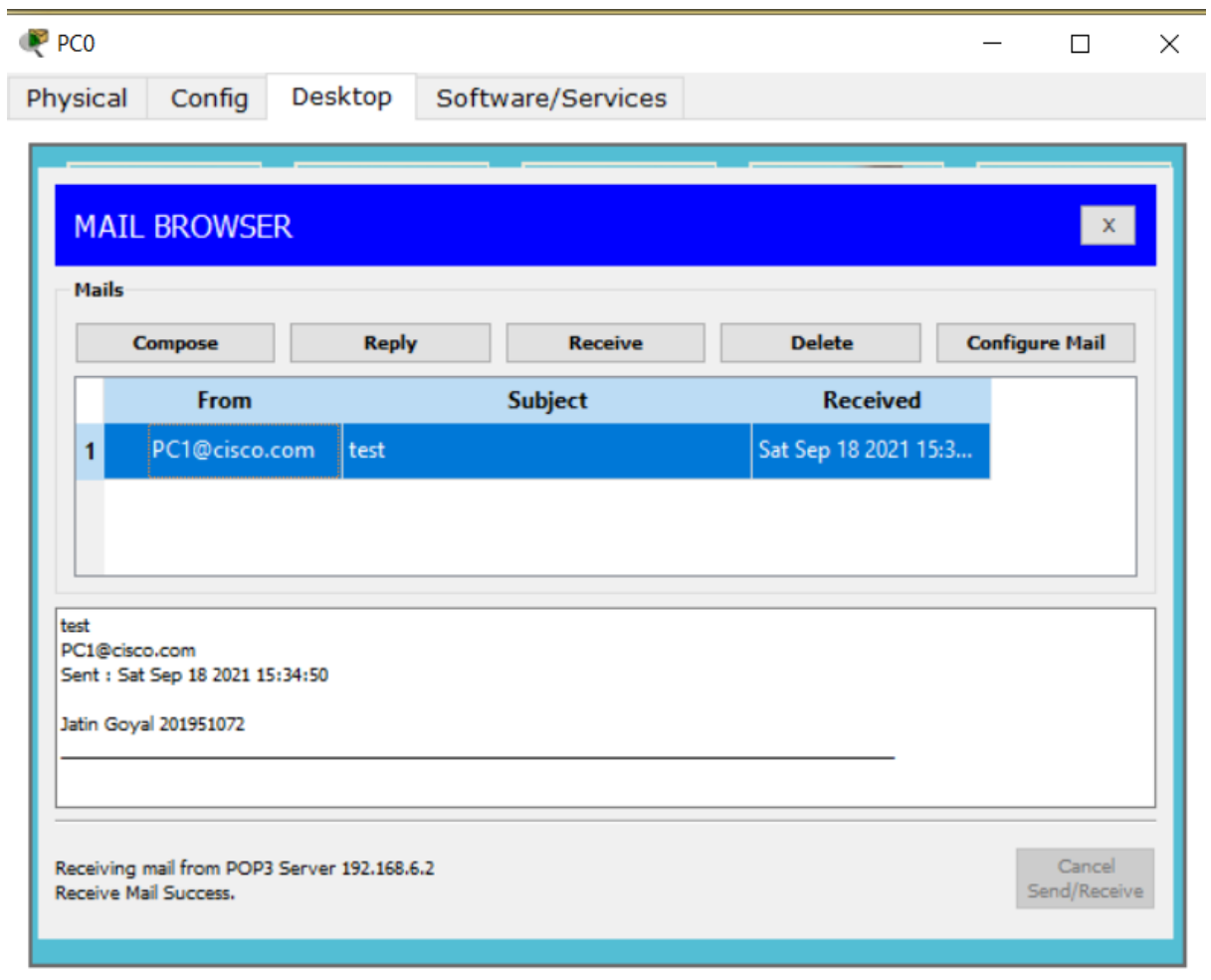
1) design the network,

2) write down the steps involved in making this
network (from configuring routers to servers)

θ=2

Step 3

web server

router

↑

Step 1

switch

Step 2

→ Step 4

Email server

Step 1:— From router to switch side we
give a ip address (192.168.6.1) and this
IP address is default gateway for web server
as well as email server.

Step 2:— Here switch is connected with web
server and email server. Here no need
to give a ip address because it work on
MAC address.

Step 3:— Here we give ip addresses
(192.168.6.3) of web server and here we
go in Http and change HTML text
with Jatin biyal 20195110702 and we
set DNS as address 172.168.6.3.

Step 4:— Here we give ip address (192.168.6.2)
and go to email part and set
name Jatin.com and add PC name as
PC0 & PC1 and give password 123 8956.

3) show the screenshot with successful web page opening and successful mail sent and received tabs.