Aim-6

6. Configure Web Server, DNS within a LAN.
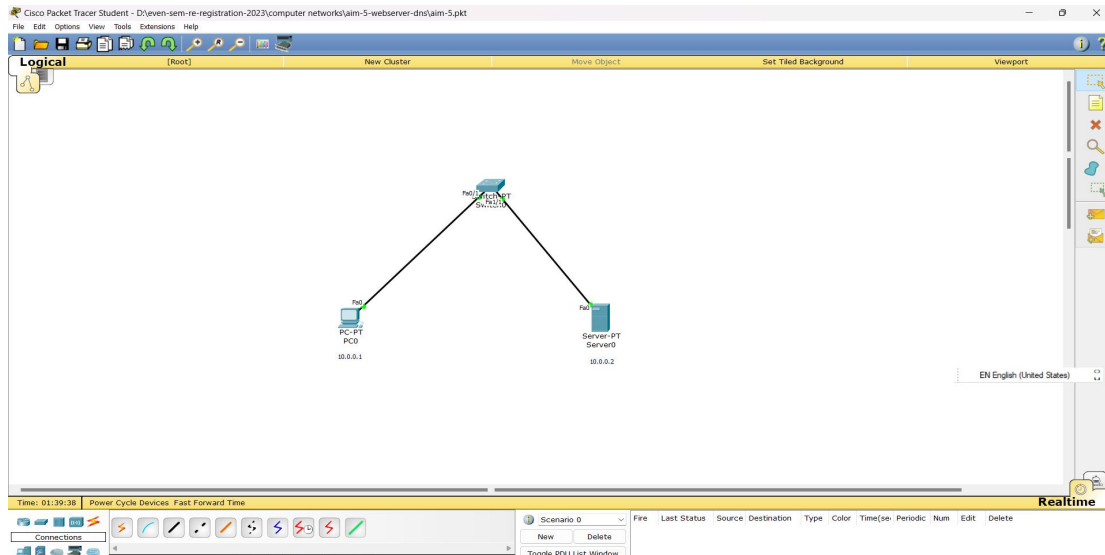
Topology:

Fig 1: Topology
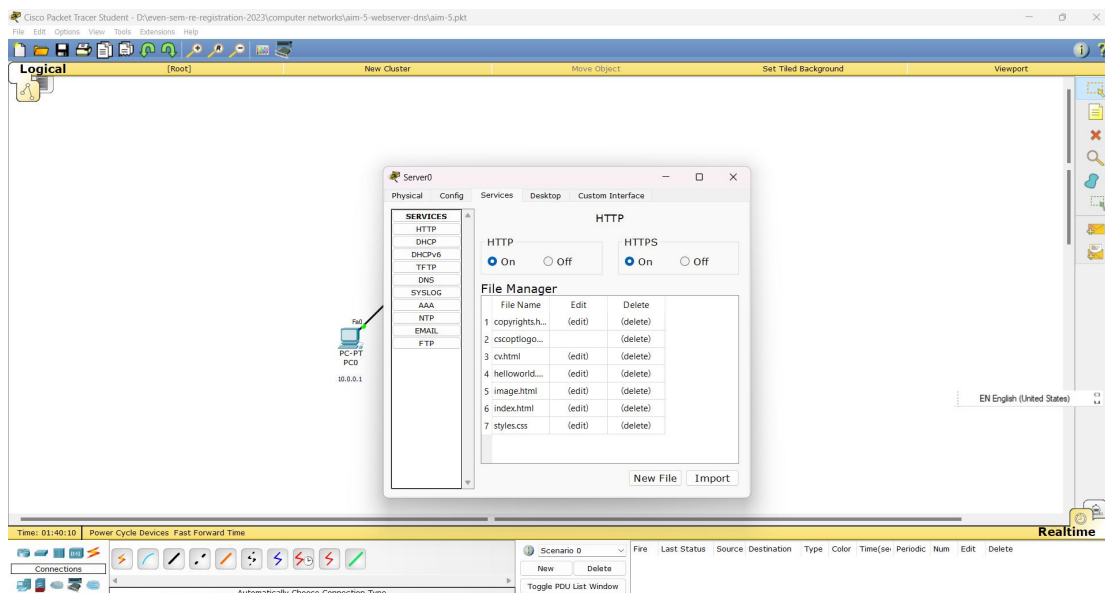

Fig 2: Adding new web page and integrating it into the existing one in Server's HTTP service tab
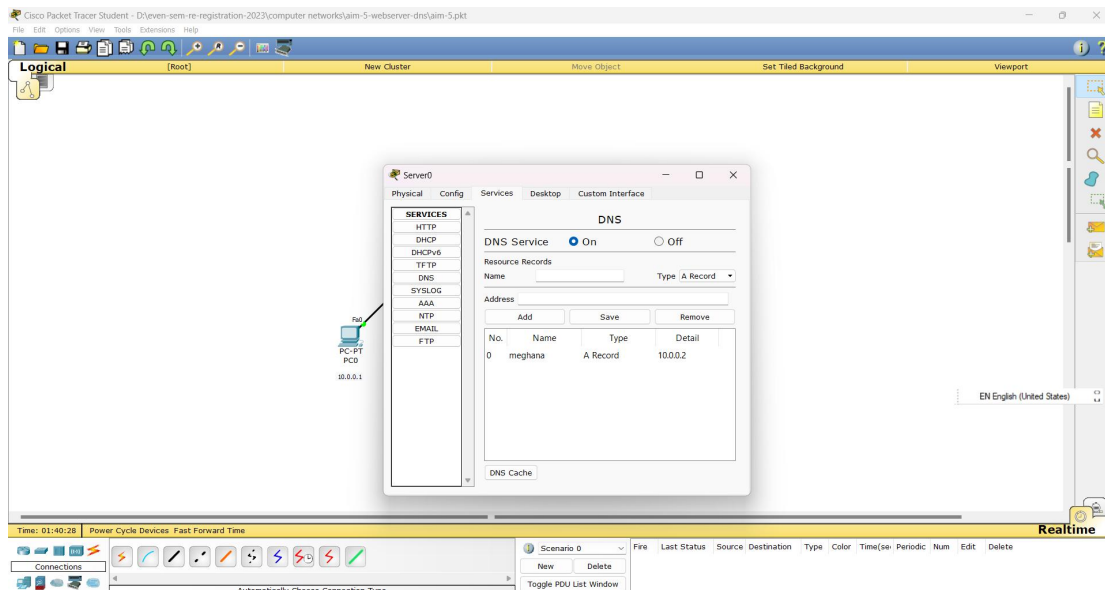
Fig 3: Configuring in Server's DNS service tab
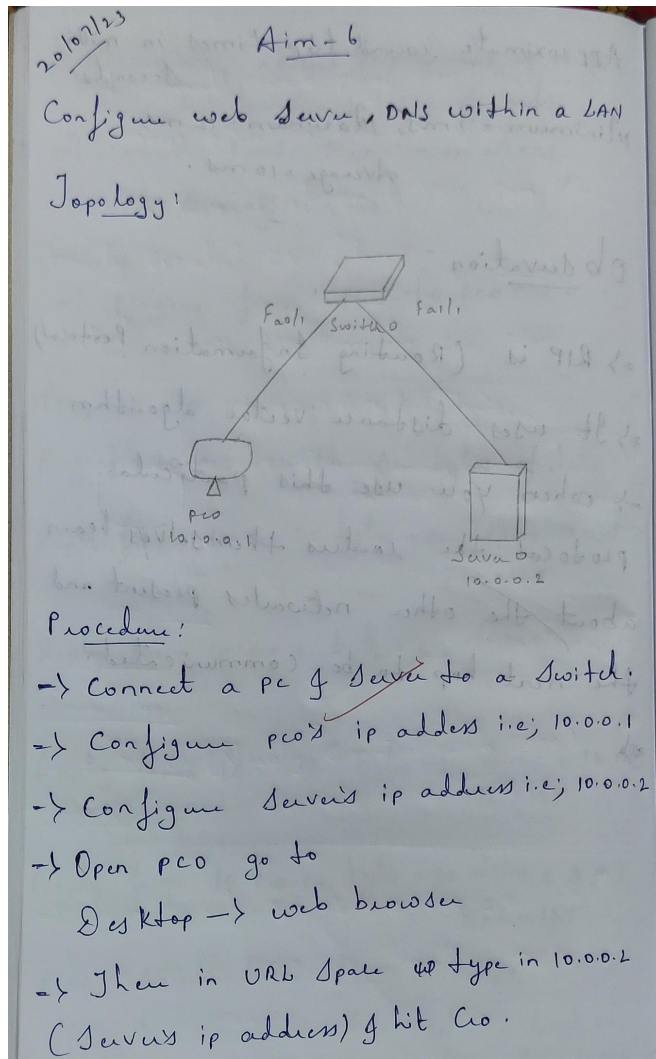
Procedure and Observation:

20/07/23   Aim - 6

Configure web Server, DNS within a LAN

Topology:

Procedure:

→ Connect a PC & Server to a Switch.

→ Configure pc0's ip addess i.e; 10.0.0.1

→ Configure Server's ip address i.e; 10.0.0.2

→ Open pc0 go to
     Desktop → web browser

→ Then in URL space we type in 10.0.0.1
   (Server's ip address) & hit Go.

=> A small web page of Cisco packet tracer pops out.

=> Now go to Server -> Services tab -> HTTP

-> Keep HTTP "On"

=> There in File manager, create a small simple cv (just for practice purpose to check if the web page is working after editing) file (New file / import).

=> Now go to "DNS" in of Services tab of Server.

-> Keep DNS "on".

=> Name: Meghana (any name can be a written).

-> Address: 10.0.0.2 (Server's ip address)

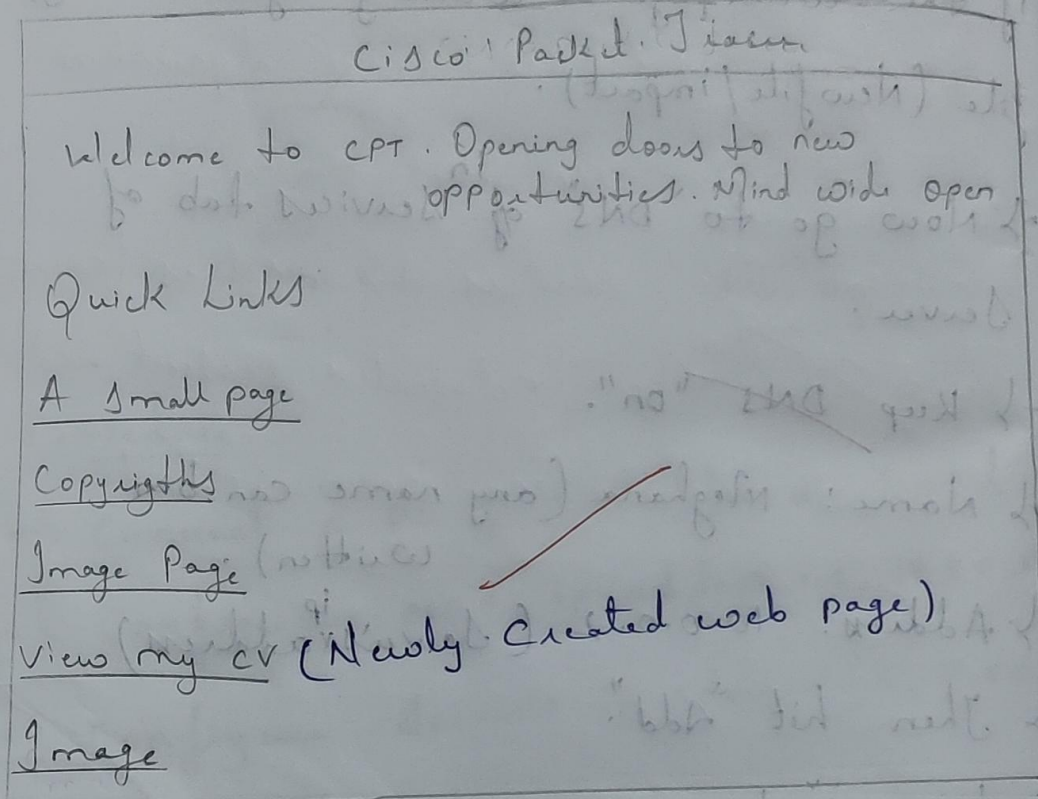=> Then hit "Add".

=> Now go to pc0

=> pc0 -> web browser -> URL (meghana)

=> instead of Server's ip address mention the name which was done in Server.

=> A Small web page pops out with the new addition i.e; "CV.html" file.

=> when you click on it you can see/view newly created cv file.

Output   URL http://meghana C10 Stop

Cisco Packet Tiacen

Welcome to CPT. Opening doors to new opportunities. Mind wide open

Quick Links

A Small page

Copyrigths

Image Page (nothing)

View my cv (Newly created web page)

Image

=> Now click on "View my cv (link)" it will open a Small Simple basic cv web page.

Meghana

Contact Information
 Email: meghana@gmail.com
 phone: 1234567890
 website: www.linkedin.com/in/meghana

Education
Computer Science and Enginuring, BE, BMS College of
Enginuring, 2023

High School, ABC School, 20XX

Skills and Programming Languages
HTML   Python   C++
CSS   Java
Javascript   c Language   problem Solving

Observation

=> DNS (Domain name System)
=> It basically works on how map / associate
   ip address and to domain name.
                        default
=> It redirects to the x cisco packet tracer
   web browser page after assigning the ip
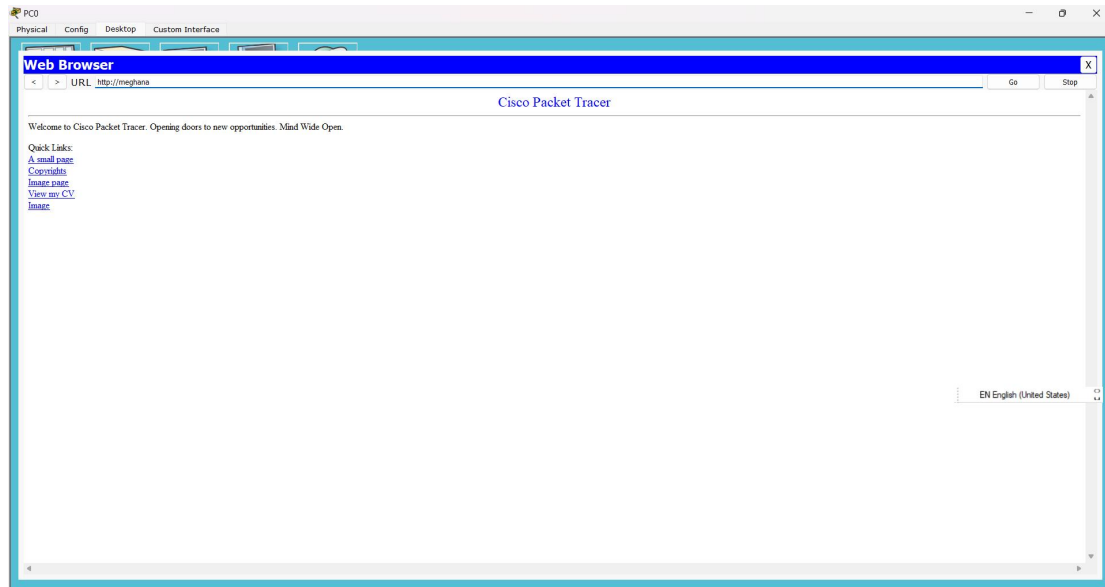   address of the to the Server.

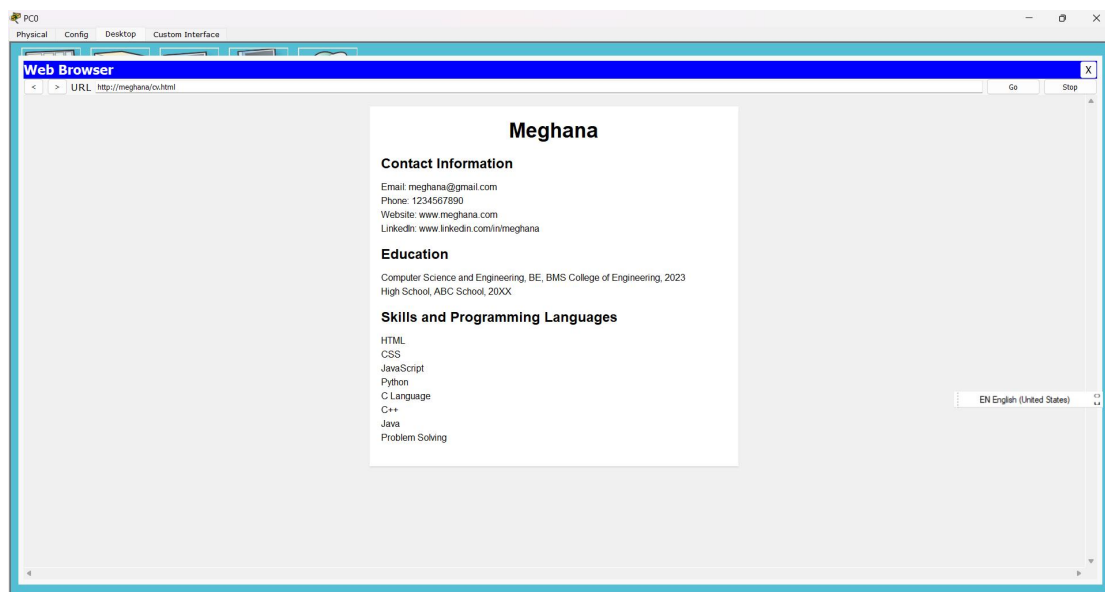   21/7/23

Output:

Fig 3: Web Browser of Pco

Fig 4: Newly added WebPage is being shown in Pc0's Web Browser