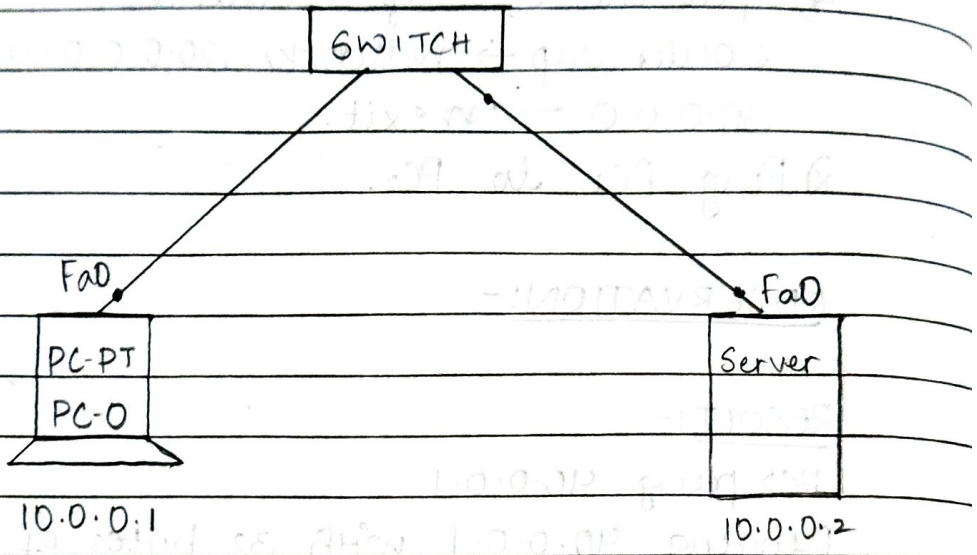
LAB-6

AIM:- Demonstration of WEB3 server and DNS using packet tracer.

TOPOLOGY:-



PROCEDURE :-

*) Place a PC, switch and Server on the workspace and connect them.
*) Set the IPAddress and Subnet mask of the PC as 10.0.0.1 and 255.0.0.0 respe
*) Set the IP address and Subnet mask of Server as 10.0.0.2 and 255.0.0.0.
*) Open PC0 → Desktop → web browser → give IP address of Server (10.0.0.2).
*) Open Server → Services → HTTP → the HTTP windows open. Click on the edit option of index.html and change the contents → Save.
*) Now the web browser page of PC is also modified.

DOMAIN NAMING SYSTEM:-

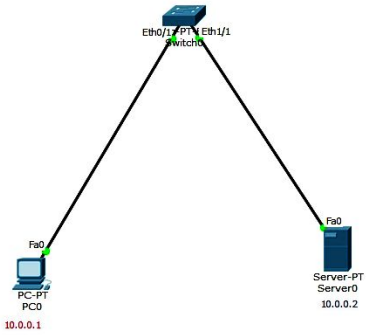
*) To activate DNS, Open Server → Services → DNS → on → Enter the name of the resource record and IP address of the server and click on Add.
*) Now the name and IP address is ~~change~~ fixed.
*) Now create your own html file :-
*) ~~File name:~~ Now open PC0 → web browser → and specify the URL → C:\0.
*) The contents of the HTML file created is shown.

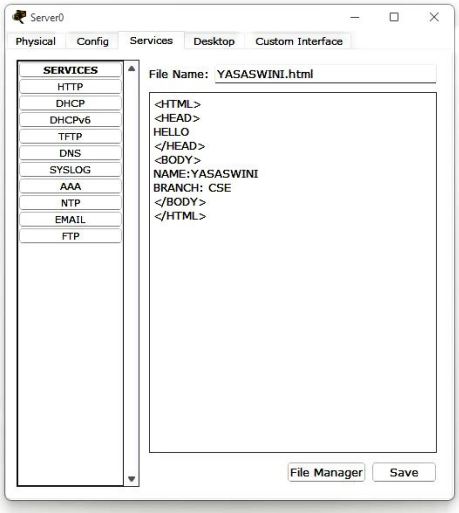
RESULT:-

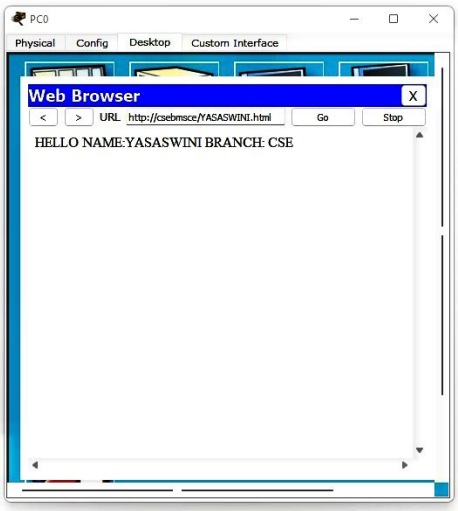
HTML file created :-
```
<html>
<head> Hello </head>
<body>
Name : yasaswini <BR>
branch : CSE
</body>
</html>
```

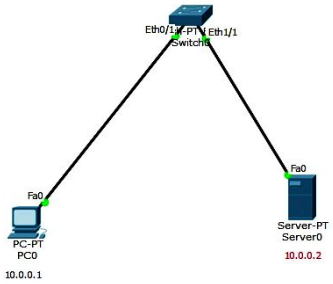
output :-
Hello.
Name : yasaswini
branch : CSE.

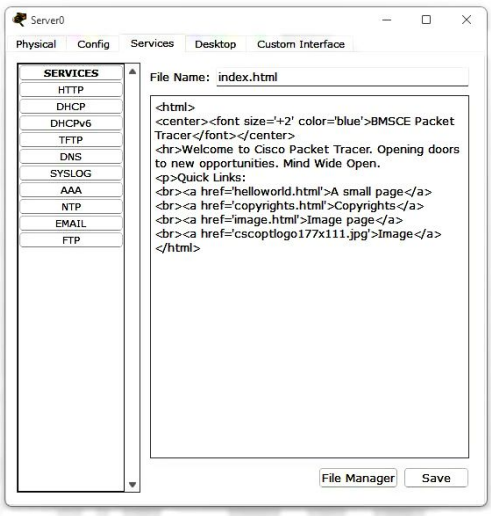
LEARNING :- DNS helps us map name with an IP address. We are comfortable with naming conventions such as bmsce.ac.in whereas computer is comfortable with IP address. Hence DNS helps in the mapping of the name and the IP.


Eth0/1
Eth1/1
Switch0
Fa0
Fa0
PC-PT
PC0
10.0.0.1
Server-PT
Server0
10.0.0.2


Server0
Physical
Config
Services
Desktop
Custom Interface
SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
File Name: YASASWINI.html
<HTML>
<HEAD>
HELLO
</HEAD>
<BODY>
NAME:YASASWINI
BRANCH: CSE
</BODY>
</HTML>
File Manager
Save


PC0
Physical
Config
Desktop
Custom Interface
Web Browser
X
URL
http://csebmsce/YASASWINI.html
Go
Stop
HELLO NAME:YASASWINI BRANCH: CSE


Eth0/1
2960-24TT
Eth1/1
Switch0
Fa0
Fa0
PC-PT
PC0
10.0.0.1
Server-PT
Server0
10.0.0.2


Server0
Physical
Config
Services
Desktop
Custom Interface
SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
File Name: index.html
<html>
BMSCE Packet Tracer
<hr>Welcome to Cisco Packet Tracer. Opening doors to new opportunities. Mind Wide Open.
<p>Quick Links:

A small page

Copyrights

Image page

Image
</html>
File Manager
Save

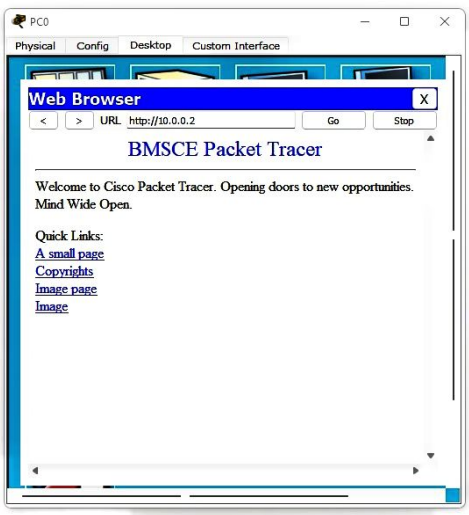

PC0
Physical
Config
Desktop
Custom Interface
Web Browser
X
URL http://10.0.0.2
Go
Stop
BMSCE Packet Tracer
Welcome to Cisco Packet Tracer. Opening doors to new opportunities. Mind Wide Open.
Quick Links:
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Image page
Image