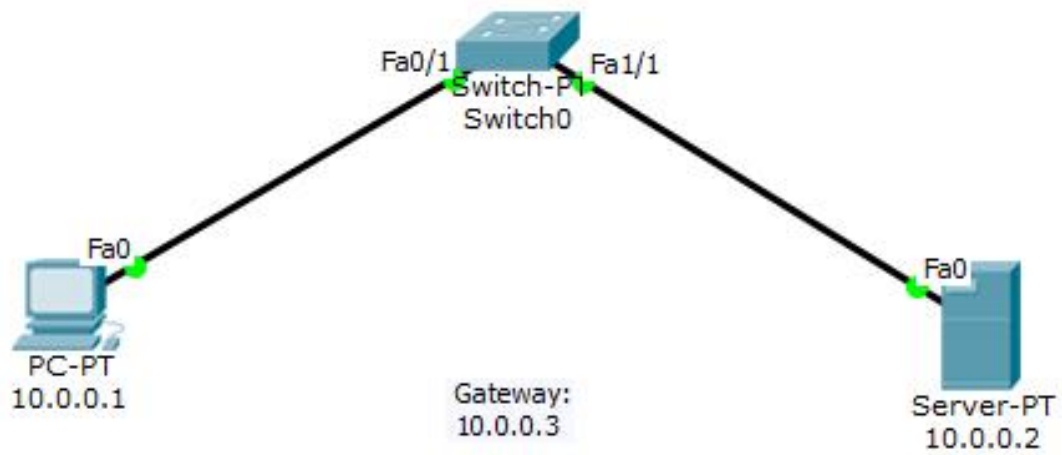


Experiment - 5

Topology:



PC - 1 Configuration:

The screenshot shows the configuration window for PC 10.0.0.1. The window has tabs for "Physical", "Config", "Desktop", and "Custom Interface". The "Config" tab is selected. On the left, there is a sidebar with "GLOBAL" and "INTERFACE" sections. Under "INTERFACE", "FastEthernet0" is selected. The main area is titled "Global Settings". It contains the following fields and options:

- Display Name:** 10.0.0.1
- Gateway/DNS:**
 - ☐ DHCP
 - ☒ Static
 - Gateway:** 10.0.0.3
 - DNS Server:** (empty field)
- Gateway/DNS Ipv6:**
 - ☐ DHCP
 - ☐ Auto Config
 - ☒ Static
 - IPv6 Gateway:** (empty field)
 - IPv6 DNS Server:** (empty field)

10.0.0.1

Physical Config Desktop Custom Interface

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

FastEthernet0

Port Status ☒ On

Bandwidth ☐ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0001.C75B.88B7

IP Configuration

☐ DHCP

☒ Static

IP Address 10.0.0.1

Subnet Mask 255.0.0.0

IPv6 Configuration

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Address /

Link Local Address: FE80::201:C7FF:FE5B:88B7

Server Configuration:

10.0.0.2

Physical Config Services Desktop Custom Interface

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Global Settings

Display Name 10.0.0.2

Interfaces FastEthernet0

Gateway/DNS

☐ DHCP

☒ Static

Gateway 10.0.0.3

DNS Server

Gateway/DNS IPv6

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Gateway

IPv6 DNS Server

10.0.0.2

Physical Config Services Desktop Custom Interface

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 00D0.BC02.8814

IP Configuration

☐ DHCP

☒ Static

IP Address 10.0.0.2

Subnet Mask 255.0.0.0

IPv6 Configuration

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Address /

Link Local Address: FE80::2D0:BCFF:FE02:8814

Configuring DNS in Server:

10.0.0.2

Physical Config Services Desktop Custom Interface

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

DNS

DNS Service ☒ On ☐ Off

Resource Records

Name sanchay.com Type A Record

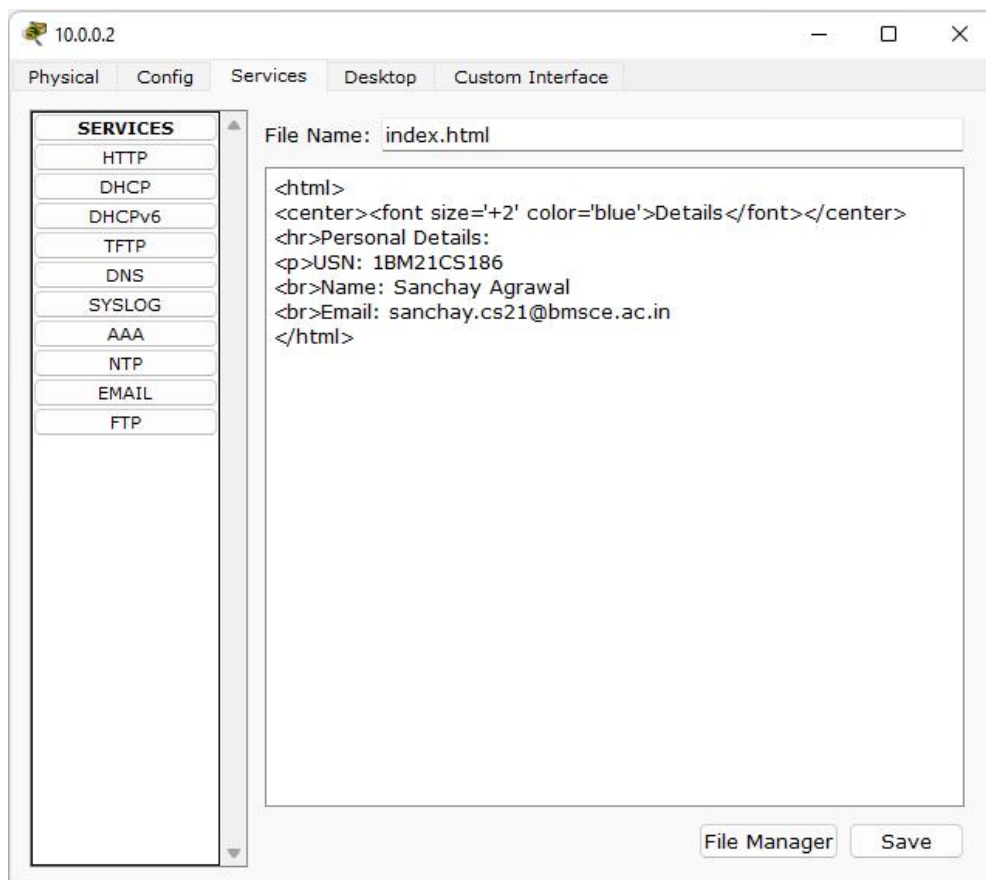
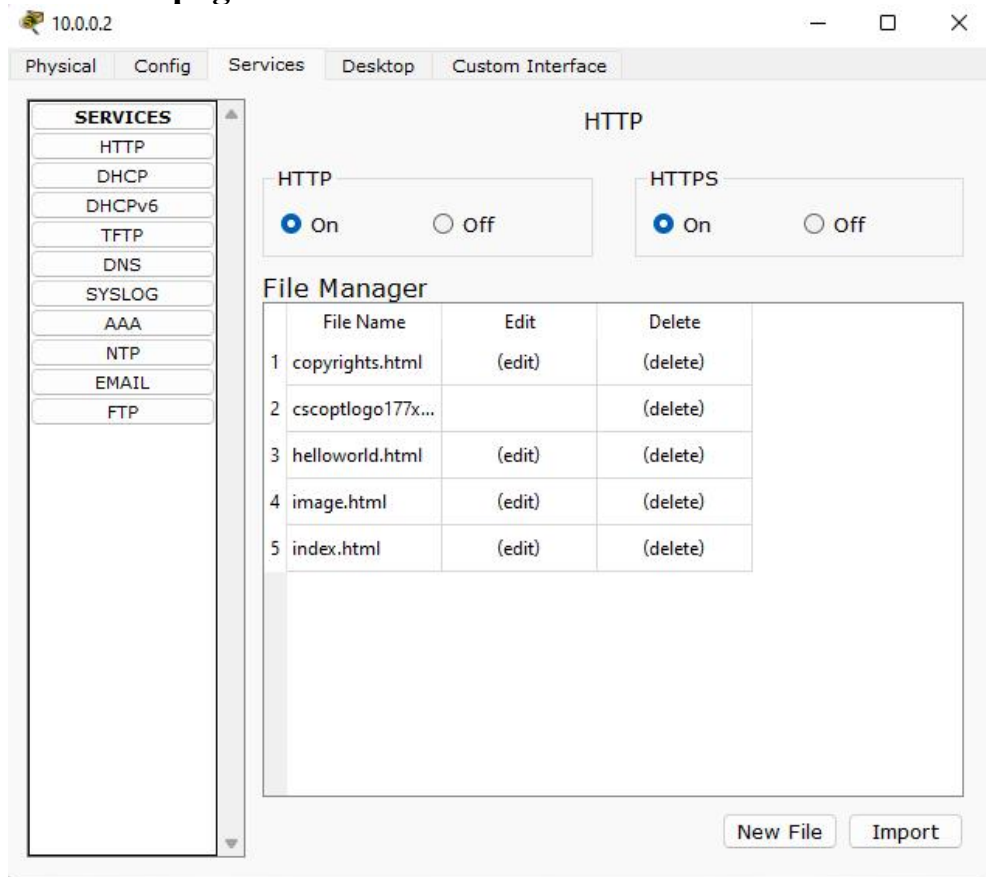
Address 10.0.0.2

Add Save Remove

No.	Name	Type	Detail
0	sanchay.com	A Record	10.0.0.2

DNS Cache

Editing the index.html page:



Output:
Accessing the HTML page using Web Browser of PC:

