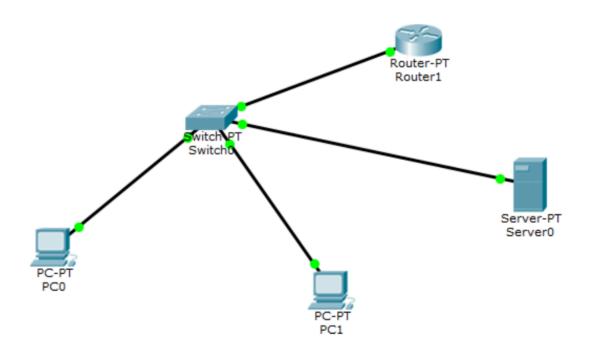
Experiment - 6

Aim: a) To configure IPaddress of the host using DHCP server present within the LAN

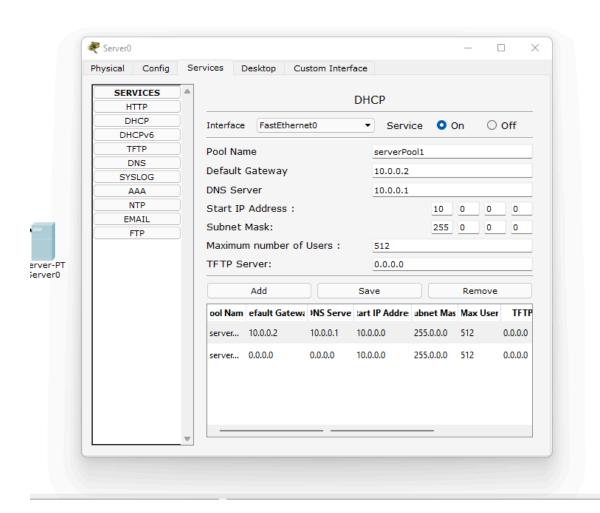
Topology:



Output:

```
₹ PC0
                                                                                      Physical
                Config
                         Desktop
                                   Custom Interface
       Command Prompt
         Packet Tracer PC Command Line 1.0
         PC>ping 10.0.0.4
        Pinging 10.0.0.4 with 32 bytes of data:
        Reply from 10.0.0.4: bytes=32 time=0ms TTL=128
        Reply from 10.0.0.4: bytes=32 time=0ms TTL=128
        Reply from 10.0.0.4: bytes=32 time=0ms TTL=128
         Reply from 10.0.0.4: bytes=32 time=0ms TTL=128
         Ping statistics for 10.0.0.4:
            Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Т
        Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
         PC>
```

DHCP Service:



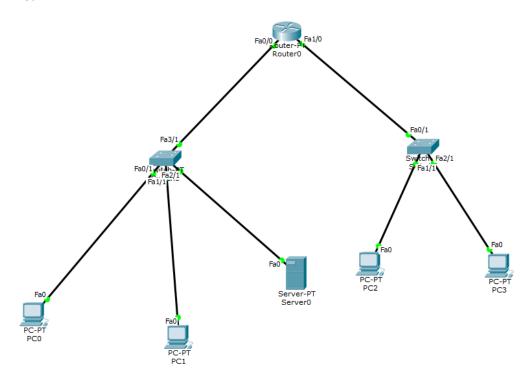
Observation:

6-2	Date Page		
12/11/24	Adding Mains		
	Experiment-69 1888 Adors		
	11.00 of the host using		
	Aim: (a) to configur 2p address of the host using Ducp server present within the LAN Ducp server present within the LAN		
	Duch server product of the host using		
	(b) to configure IP address Duch server present in different LAN		
	BHCB SC.		
	CASERVATURA		
(a)	TOPOLOGY!		
	activities at 60.0 ml pig to english at the		
	() 10.0.0.2		
225-144	Poutry -PT 0 00 Many polices		
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275 = 11	t ind small condition of what		
230 = 1	of ano amin's style : 3x hours one to		
	Fa3ho of the short for 10 offers		
(20)	Parkets = xable + reliant + host 20 (DV)		
	David Mariento		
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Adioxy	tao tao of the property of the table of tabl		
	o fao		
	Miles Met Tompeshin		
	PC-PT PC-PT PC-PT PC-DT		
	10.0.0.3 10.0.0.4 Server 0.		
	10.0.0.1		
	configuration!		
	and propries soutes and thousand walk		
(ن	Assign 20 address to the answers		
The state of the s	Assign 2P address to the serverPT by configurating it manually as 10-0.0.s.		
(i)	Carny out services		
	the 20 address as 10 as 10 and assign		
GAN	1 20013 (000)		
(ũ)	assign the gateway for the server which is the		
	router interface address (10-0-0.2)		

nate	1 1000000	classmate
		Date
		Togs.
	(v)	to workgure DHCP protocol: 100010901 (d
		render the server open the
Stree		In the server under services select DHCP and
		him the service on
79		change the pool name to serverpools and assign
		the default gaturay as 10.0.0.2 and the DNS
		server as 10.0.0.1.
	(U)	configure the 20 address of the end devices.
		under config select forstethemeters and select D The 2P address and subnetmous will be autor
		The 2P address and subnetmosk will be autor
		-ally assigned with the same network 2D.
	(ii)	carry out ping command.
		40 0 000 1 0000 0000
		OUTPUT OBSERVATION:
		Viater to the state of the observation
	0	PC) Ping 10.0.0.4
		The book of a large transfer to the second
		Pinging 10.0.0.4 with 32 byte of data.
	2	1995
		Reply from 10.0.0.4 : bytes = 32 hime: oms TTL=
(1)		Puply from 10.0.0.4 : bytes = 32 time = 0 ms TTL=
	- bro	Reply from 10-0 0 4 byte = 32 hime: one TTL=
	6	Reply from 100.0.4 1 byty = 32 home 2 oms TTL:
		and interest all and seektion are est manifered in
	orio	Ping statistics for 10.0.0.4:
	Jo b	Parkets : sent = 4, Pecciond = 4, lost = 0 (04.0
		Approximate round hip times in milli-seconds:
		minimum=oms, maximum=3ms, Average=om
ing it		His History
-		so lood ever a street assert at it wall (in
sign	28	general pools and set the default gathroom
		18 LO DOS 10001 ED 10001 DA 81
re		addres as some
	se files	which has aft at revelops 98 att with mi
	Control of the last of the las	

b) To configure IP address of host using DHCP server present in different LAN

Topology:



Output:

Router0

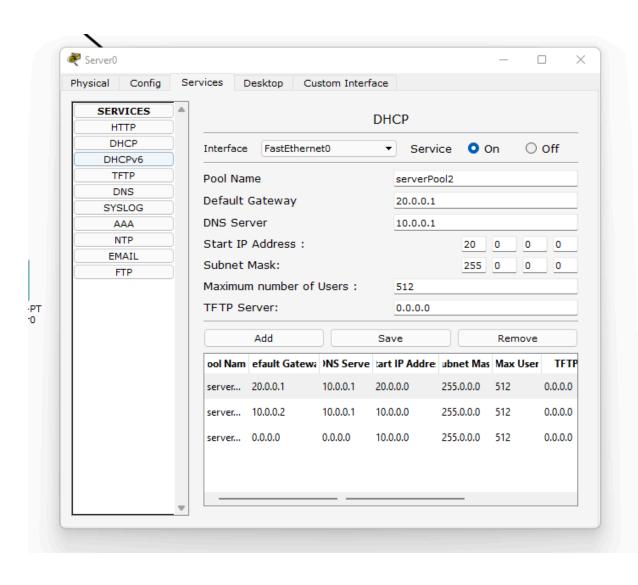
```
Physical Config Desktop Custom Interface

Command Prompt

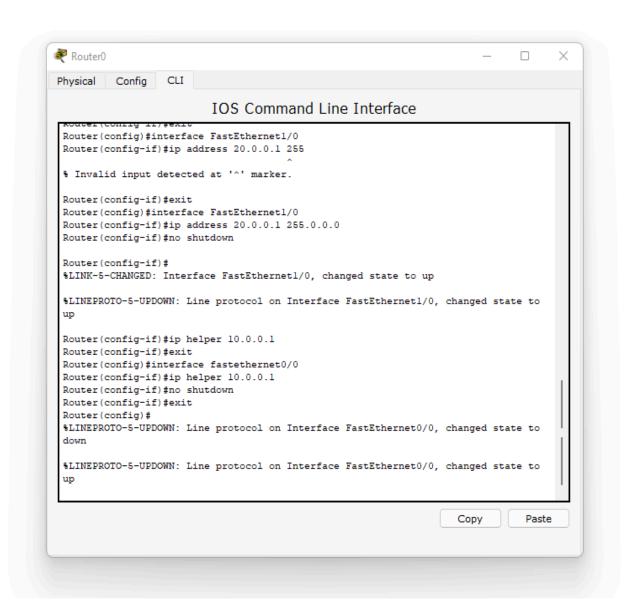
Packet Tracer PC Command Line 1.0
PC:ping 10.0.0.4 with 32 bytes of data:

Reply from 10.0.0.4: bytes=32 time=Oms TTL=128
Ping statistics for 10.0.0.4:
Packets: Sent = 4, Received = 4, Lost = 0 (0* loss),
Approximate round trip times in milli-seconds:
Minimum = Oms, Maximum = 3ms, Average = Oms
PC>
```

DHCP service:



IP helper:



Observation:

