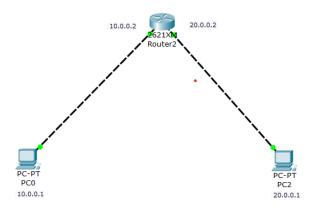
## WEEK-2

2. Configure IP address to routers in packet tracer. Explorer the following messages: ping responses, destination unreachable, request timeout, reply.

	9/10/24
LAB-02	
	(3)
A	imit
2.	Configure IP adobiess to sionters ein parket toracer
	Explane the following mestages: para responses, destination unreachable, neglest time out, neply.
	destination (includable, surplish
	Steps are as follows
	steps are as towners & drag & drap the 02
	click on and devices & drag & drop the 02 and devices & one generic nowler in the nower
	and delities. 4. one general success
	Section. then set the IP address to that both end devices
<del>2)</del>	then set the Ir coolers to the
	In growder click on config tab then click on
3)	fastEthernet 0/0 then set the IP address & Subnet mark
	do the same thing for fart-Ethenet 1/0 also.
T. S.	In Router, click on CLI tab then our the
4)	below Commands
	enable commands
	Config terminal
2)	interferce fastEthenet 0/0
3)	ip address 10.0.0.1 255.0.0.0
H)	no Shilldown
6)	exit
4	enable him a 1. 11 John Contains a contract
**	Show ip nouse: It will show the number of
	Connected LANS.
3 461	COTHECK
- CY	Next click on End devices, then click on Derktop >
5)	Command prompt -> sun ping Command.
	e in have as house he suspense of the fall of its if
	Site of the second of the seco
Start 1	the same of the sa

## **ROUTER:**



## **PING RESPONSES:**

```
Packet Tracer PC Command Line 1.0
                                                           C:\>ping 20.0.0.1
C:\>ping 10.0.0.1
                                                           Pinging 20.0.0.1 with 32 bytes of data:
Pinging 10.0.0.1 with 32 bytes of data:
                                                           Reply from 20.0.0.1: bytes=32 time=1ms TTL=127
Reply from 10.0.0.1: bytes=32 time=1ms TTL=127
                                                           Reply from 20.0.0.1: bytes=32 time<1ms TTL=127
Reply from 10.0.0.1: bytes=32 time=1ms TTL=127
                                                           Reply from 20.0.0.1: bytes=32 time<1ms TTL=127
Reply from 10.0.0.1: bytes=32 time=3ms TTL=127
                                                           Reply from 20.0.0.1: bytes=32 time<1ms TTL=127
Reply from 10.0.0.1: bytes=32 time=1ms TTL=127
                                                           Ping statistics for 20.0.0.1:
Ping statistics for 10.0.0.1:
                                                               Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
   Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
                                                           Approximate round trip times in milli-seconds:
Approximate round trip times in milli-seconds:
                                                               Minimum = Oms, Maximum = 1ms, Average = Oms
    Minimum = 1ms, Maximum = 3ms, Average = 1ms
```

```
enable
Router#config terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config) #interface fastEthernet0/1
Router(config-if) #ip address 20.0.0.2 255.0.0.0
Router(config-if) #no shutdown
Router(config-if) #exit
Router(config) #exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
enable
Router#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
      E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route
Gateway of last resort is not set
     10.0.0.0/8 is directly connected, FastEthernet0/0
     20.0.0.0/8 is directly connected, FastEthernet0/1
```