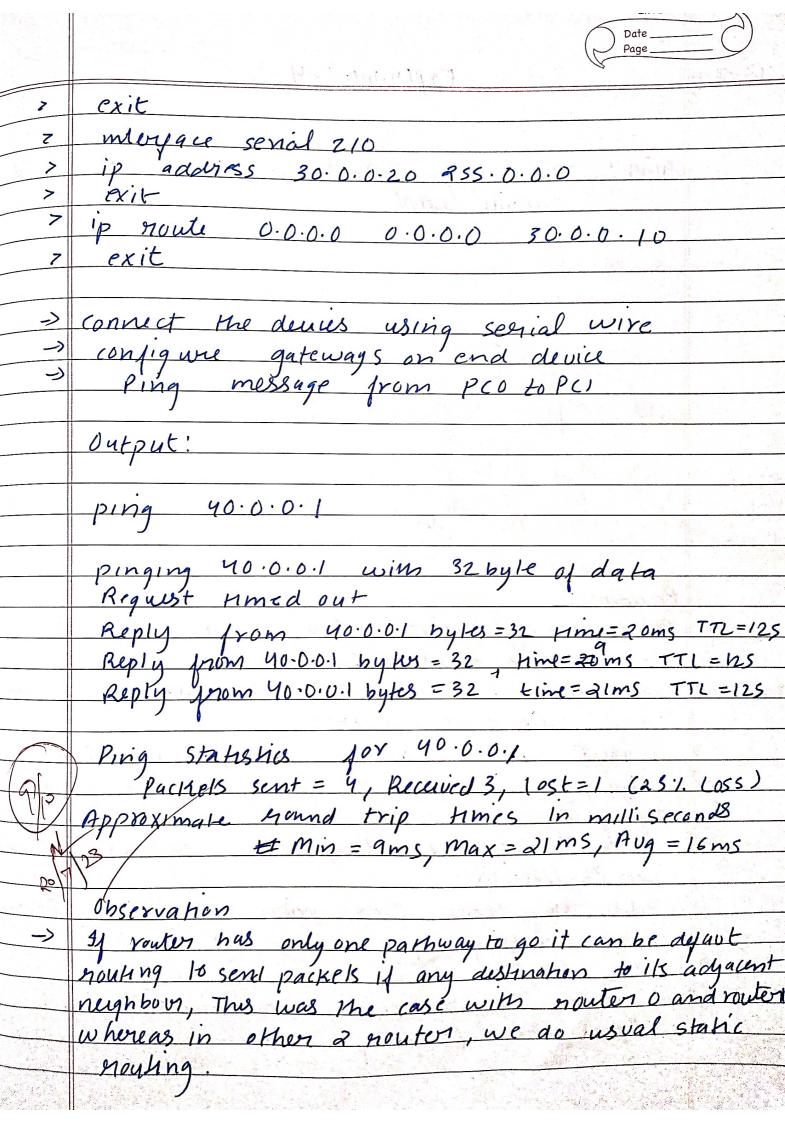
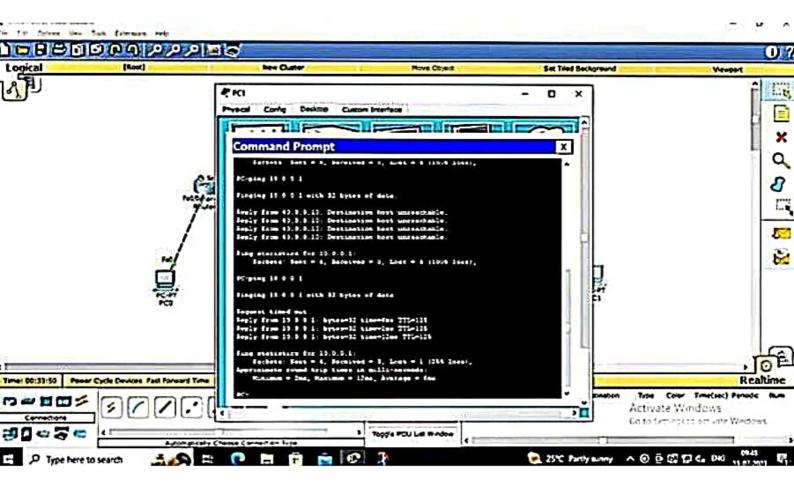
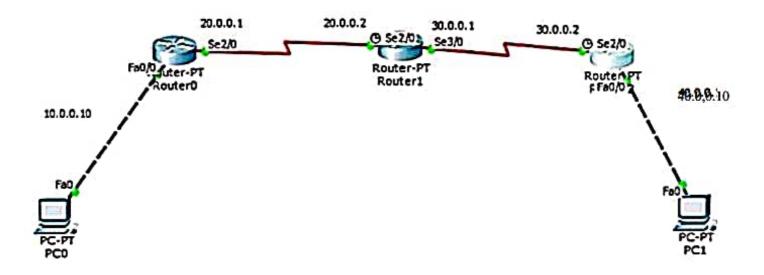
	Date Page
13-7-2	
	The state of the s
	Aim! Demonstrak dala transfer in a network through
	router using agault rouling
	Topology:
	0.10 0.10 0.20
	10.0.0,10 0.10 0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.
	0.0.00
	R2 40.
	[P(0] 10.0.0.1]
	[P(0] 10.0.0.]
	Proceduri:
-)/	Place 2 and device and 3 router on the regical interpace
	interpace
-)	interpare configure ip address with network id 10 for PC and network id 40 for PCI configure ip address for different part of the nouters
	and network 1d 40 yor PCI
<u> </u>	configure ip address for different part of the
包	nouters
	Type the following command to configure router
	7
	Chable
	7 interface jastethernet 0/0
	Maryau jastaruvus -p

1P address 10.0.0.10 no shot exit interface serial 2/0 > ip address 20.6.6.10 155.0.0.0 7 no shut CXIST cxit if grante 0.0.0.0 0.0.0.0 20.0.0.20 Type following for nonters enable config t interjacy serial 210 ip address 20.0.0.20 255.0.0.0 7 no shut exit intoyace serial 310 ip' address 30.0.0.2010 255.0.0.0 7 no shut exit exit ip noute 10.0.0.0 255.0.0.0 20.0.0.10 ip route 40.0.0.0 255.0.0.0 30.0.022 exist 7 Write the following command for router 2 enable conjug t interface fast ethernet 0/0 40.0.10 -355.0.00







RouterPenable
RouterSconfig t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)Sinterface fastethernet0/0
Router(config-if)Sip address 10.0.0.10 255.0.0.0
Router(config-if)S shot

Router(config-if)S
%LINK-5-CKANSID: Interface FastEthernet0/0, changed state to up
%LINIFROTO-5-UFDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
Router(config-if)Sexit
Router(config-if)Sexit
Router(config-if)Sip address 20.0.0.1 255.0.0.0
Router(config-if)Sip address 20.0.0.1 255.0.0.0
Router(config-if)Sino shut
%LINX-5-CKANSID: Interface Serial2/0, changed state to down

Router(config-if) Sexit

Router(config) #exit
Router#

\$5YS-5-CONFIG_I: Configured from console by console

Routersconfig t
Enter configuration commands, one per line. End with CNTL/I.
Pouter(config) sip route 0.0.0.0 0.0.0.0 20.0.0.2
Router(config) sexit
Routers
%SYS-5-CONFIG_I: Configured from console by console

Codes: C - connected, S - static, I - IGRF, R - RIF, M - mobile, B - BGF
D - IIGRF, IX - IIGRF external, O - OSFF, IA - OSFF inter area
N1 - OSFF NSSA external type 1, N2 - OSFF NSSA external type 2
E1 - OSFF external type 1, I2 - OSFF external type 2, E - IGF
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 - COR

P - periodic downloaded static route

Catevay of last resort is not set

C 10.0.0.0/8 is directly connected. TastIthernet0/0

Router2

Physical Config CLI

IOS Command Line Interface

```
Router (config-if) Semit
Router (config) #
%LINEFPOTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up
Router (config) #interface fastethernet0/0
Pouter (config-1f: 81p address 40.0.0.10 255.0.0.0
Router (config-if) Inc shut
Pouter (config-1f) #
$LINX-5-CHANCED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernetO/O, changed state to up
Router |config-if | Semit
Bouter (config) featt
Routers
ASYS-6-CONTIG I: Configured from console by console
Pouterfoonfig t
Enter configuration commande, one per line. End with CNTL/2.
Router(config(#ip route 0.0.0.0 0.0.0.0 30.0.0.1
Pouter (config) Femit
Louters
$5YS-5-CONTIG_I: Configured from console by console
Routerfahow ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       D - EIGDF, EX - EIGDF external, O - OSFF, IA - OSFF inter area
W1 - OSFF MSSA external type 1, M2 - OSFF MSSA external type 2
E1 - OSFF external type 1, E2 - OSFF external type 2, E - EGF
        1 - 15-15, L1 - 15-15 level-1, L3 - 15-15 level-2, 1a - 15-15 inter area
        . - candidate default, U - per-user static route, o - DOR
        P - periodic downloaded static route
Gateway of last resort is 30.0.0.1 to network 0.0.0.0
     $3.0.0.0/# is directly connected, Serial2/0
    40.0.0.0/8 is directly connected, FastEthernet0/0
0.0.0.0/0 [1/0] via 30.0.0.1
5+
Routers
```