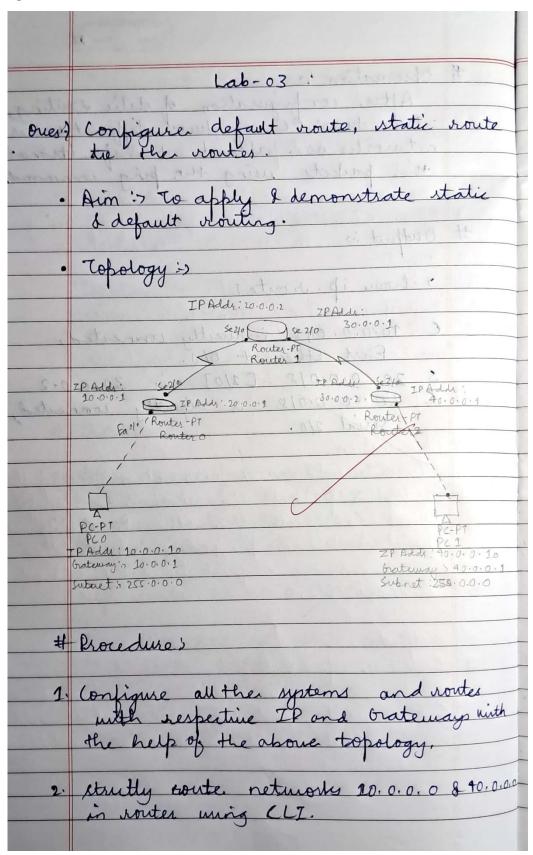
Computer Networks: Lab Record

Week: 4

Experiment 4: Static Routing and Default Routing

Configure default route, static route to the Router to demonstrate Static and Default Routing.

Observation:

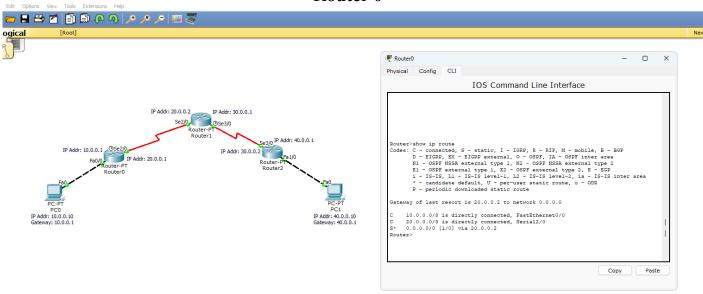




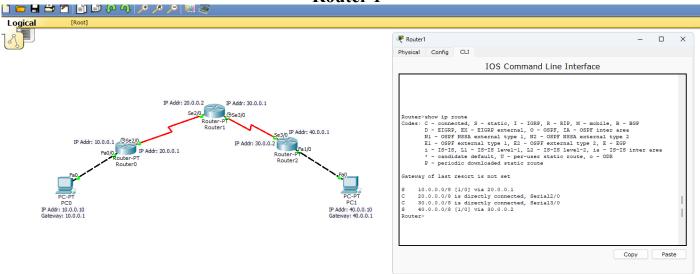
	Bafna Gold—23-but Date: 2024 Page: 31
	>ip route !> 10.0.0.0 255.0.0.0 20.0.0.1 >ip route 40.0.0.0 255.0.0.0 30.0.0.2
3	Execute commands on router of router 2 as such to implement default routing.
	(R2) if route 0.0.0.0 0.0.0.0 20.0.0.2 (R2) if route 0.0.0.0 0.0.0.0 30.0.0.1
#	Observation >
	Upon executing "show if route" following observations are made with surressful pinging on end dennies with no connection errors.
	C 10.0.0.018 is directly connected, Easterhund 0/0
CHZ, 23	C 20.0.0.018 is directly connected, serial 210
	R1 1)
	5 10.0.0.018 [I/0] vig 20.0.0.1 C 20.0.0.018 is directly connected, serial 210
	c 30.0.0.0/8 is directly connected, serial 310
	S 40.0.0.018 III0] wag 30.0.0.2
	R2: C 30.0.0.018 is directly connected, serial 310
	(40.0.0.0/8 is directly cornected: East other and 0/0
	C 40.0.0.0/8 is directly connected: East otherned 0/0 SX 0.0.0.0/8 [1/0] was 30.0.0.1

Screenshots:

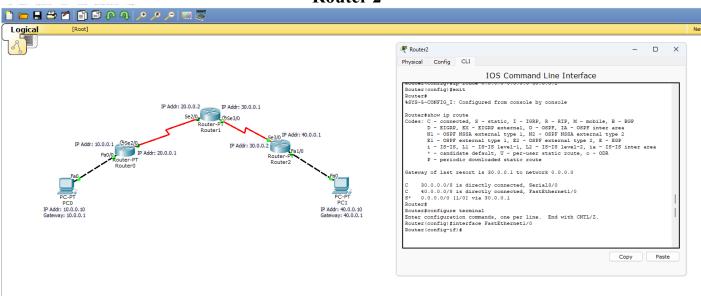
Router 0



Router 1



Router 2



After Successful Setup using Command Line Interface

