Date : _____

	100-3	
	AIM: Configuare default route to	the . I
-	Alm: Configuate default route to	the routers
	Topology	
	20.0.0.1	
	10.0.0.10 5e 2/0 20.0.0.2 30.0.0.1 5e 3/2	40.0.0.10
	[Fa 0/0	ra 0/0
	Routero 50.0-0.1 F2 0/0 Router1	Router, 2
	The state of the s	
	Fa2/1 Fa2/1	Engli
	Fa2/1 Fa2/1	Fa 2/1
	Fa 1/1 Fa 1/1 Fa 1/1	Fa 1/1
	1.000.000	atti \
A so	/Fa0 \Fa0 \Fa0 \Fa0	Fa0 Fa0
		PC. PC5
	10.0.0.1 10.0.02 50.0.0.2 50.0.0.3 40	1.0.0.1 40.0.0.2
	The second secon	- +
	Procedure:	
	1 000 8 0 1 8 1	
) Add three routers, three switches	1 2 226
	to the workspace	and SIX PC3
	2) Configuesce at IP's of each PC'	s and also
	give galeways for all pc's. All con	nection between
	108 was PC-switch and Switch.	- Router are
	made using copper straight the	h contions
	between two youters are made	using
	Senial DCE)



	3) After conthis in the routero go to CLI and
	then follow these commands
	Router > enable
	Router # config.t
	Router (config) # interface 5a 0/0
	Router (config-it) # ip address 10.0.0.10 255,0.0.0
	Router (config-if) # no shot
	Router (config - if) # exit
	Router (config) # interface serial 2/0
	Router (config - it) # ip address 20.0.0.1 255.0.0.0
	Router (config-it) # no shut
	Rooter (config-if) #exit
	Router (config) # exit a solve salt
	Router # exit of the top and
4	Router > 1 form of the manufaction
_	Les Levelle of War Jeney Level
	4) Follow same commands for Both Router 2 and
	Routerl, After performing all these operations
	of on these routers all the lights will be
	turned green,
	10.0.7.0
4	5) Fox Routero and Routers default routing can
	be done but for Routers doesn't have any
	default routing & static routing is done
	fox the Routerland
	ai mi manne mani prijan
/	The state of the s
	The state of the s



Observation: - - strill alt as . It A Learning Outcome: -> Router cannot have two default routing -> The default router fox Rooters first router is the middle routen because any packets which have to be delivered will go to the middle apout enjusted to profession to -> Middle router doesn't have any default nouter because oif one of the nouter is made default then there is a chance that the packets which are sent to the switch are sent to the router From -> Retera Router 1 is default Routen fox 30d Router because packets will be delivered only to Router orga ampt the primary of Resulti: and the delicary works Ping 40.0.0.01 pinging 40.0.0.1 with 321 bytes of data the it is to the said that we are Request timed out parties of Reply from \$10.0.0.1: bytes=132, Time=4ms, TIL Reply from 40.0.0.1: bytes = 32. Time = 2ms, ITL=1 Reply from 40.0.0.1: bytes = 32, Time = 2ms , III= 125 Ping Statistics for 40.0.0-1: Packets: Sent = 4, Received = 3, Lost = 1 (25% Loss)



	Approximate round toip time in milli-seconds:
	Minimum x 2 ms , Maximum x 23ms , Average = 9ms
	Ping 40.0.0.1
	Pinging 40.0.0.1 with 32 bytes of data:
	Reply from 40.0.0.1: bytes=32 time=3ms TIL = 125
	Reply from 40.0.0.1: bytes=32 time=3ms TIL=125
-	Reply from 40.0.0.1: bytes=32 time=8ms TTL=125
	Reply from 40.0.0.1: bytes=32 time=2ms TTL = 125
	Ping statistics tox 40.0.0.1
-	
	Packets: Sent = 4, Received = 4, Lost = 0 (0% Loss),
	Approximate round trip times in milli-seconds:
	Approximate round trip times in milli-seconds:
	Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 08ms, Average = 4ms
	Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 08ms, Average = 4ms
12	Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 08ms, Average = 4ms
12	Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 08ms, Average = 4ms
122	Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 08ms, Average = 4ms
12	Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 08ms, Average = 4ms
12	Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 08ms, Average = 4ms
122	Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 08ms, Average = 4ms
12	Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 08ms, Average = 4ms 22 22 24 24 24 24 24 24 24 2
122	Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 88ms, Average = 4ms
12	Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 08ms, Average = 4ms 22
12	Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 88ms, Average = 4ms
12	Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 08ms, Average = 4ms 22
12	Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 08ms, Average = 4ms 22