

EX: 11a

Date: 8/10/24

## Static Routing Configuration

### Aim:

TO Simulate Static Routing Configuration using Cisco Packet Tracer

### Procedure:

1, Arrange PC & Router in the manner of the image below

2, Assign IP address for router and PCs

Router 0 [2811]

→ IP FA0/0 - 192.168.1.2

FA0/1 - 192.168.2.3

Router 1 2811

→ IP FA0/0 - 192.168.1.4

FA0/1 - 192.168.3.3

PC0

IP - 192.168.2.7

Gateway 192.168.2.3

PC1

~~IP - 192.168.2.3~~

Gateway - 192.168.2.3

PC2

IP - 192.168.3.5

Gateway - 192.168.3.3

PC3

IP-192.168.3.7

Gateway-192.168.3.3

3. Now click on Router 0

then Config → Static

Network-192.168.3.0

Subnet-255.255.255.0

next hop 192.168.1.4

4. Now click on Router 1

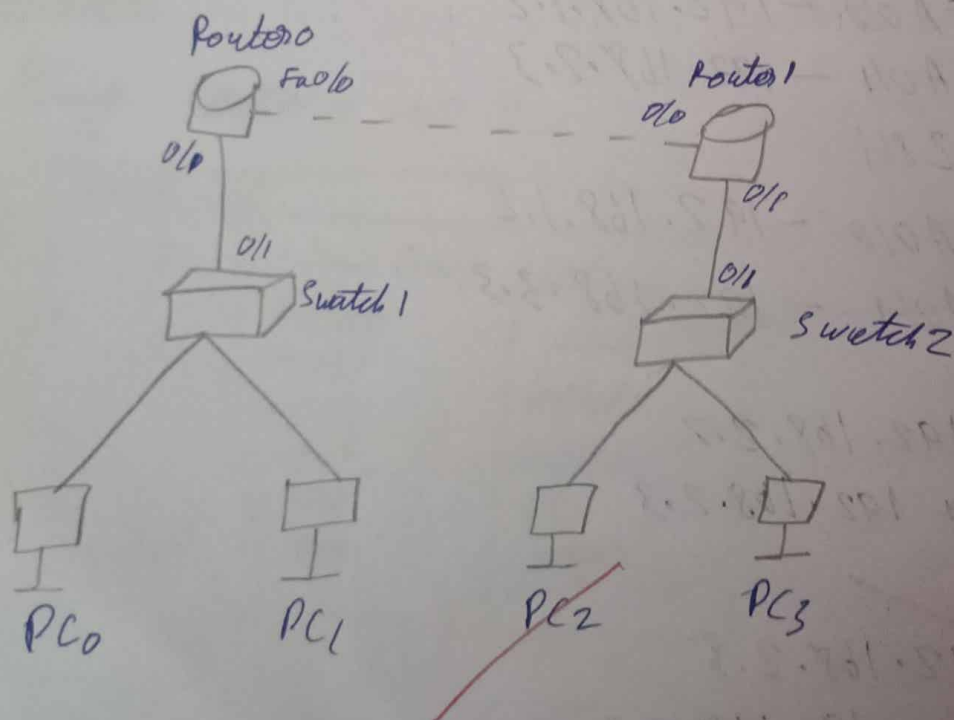
then Config → Static

Network-192.168.2.0

Subnet-255.255.255.0

Next hop-192.168.1.2

Diagram:



Output:

Ping From PC0 to PC2

VIS	Time(sec)	Last device
	0.000	PC0
	0.001	Switch0
	0.002	Router0
	0.003	Router1
	0.004	Switch1
	0.005	PC2
	0.006	Switch1
	0.007	Router1
	0.008	Router0
	0.009	Switch0
	0.010	

File	LastStatus	Source	destination	Type	Color	Type(Csec)	Period
●	successfull	PC0	PC2	ICMP	■	0.000	N

glt

Result:

That Static Routing configuration has been successfully run & executed