Statie Routing Configuration

Aim :-

To simulate statie routing configuration using cisco packet tracer.

Procedure :-

1) Arrange PC & Router in the manner as the image below.

2) Assign IP address for router and PCs

Router 0 [2811]

→ IP FA o/o - 192.168.1.2

  FA 0/1 - 192.168.2.3

Router 1 2811°

→ IP FA o/o - 192.168.1.4

  FA 0/1 - 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

PC 3

    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

    Nexthop - 192.168.1.4

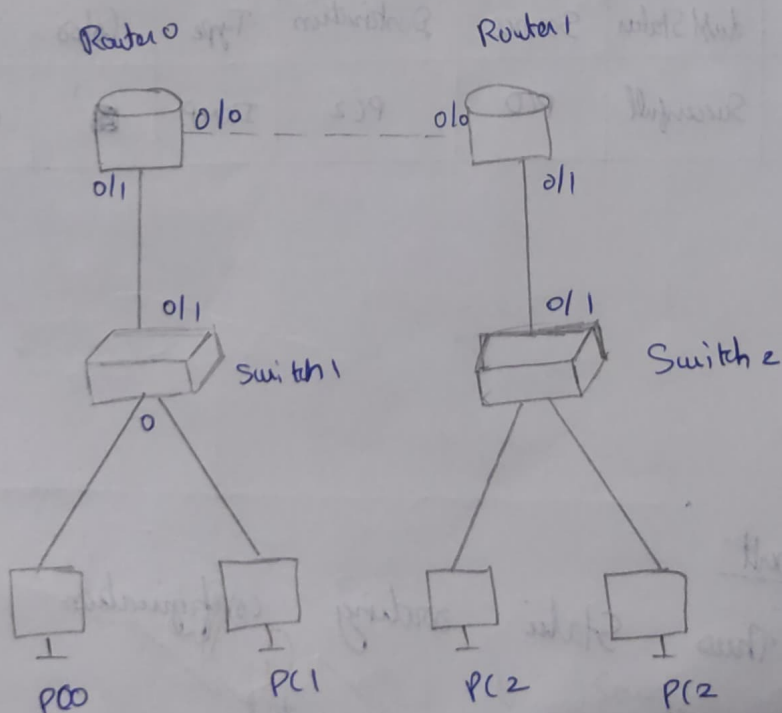4) Now click on Router 1

    then config → Static

    Network - 192.168.2.0

    Subnet - 255.255.255.0

    Nexthop - 192.168.1.2

Diagram :-

Router 0   Router 1

0/0   0/0

0/1   0/1

0/1   0/1

Switch 1   Switch 2

0

PC0   PC1   PC2   PC2

Output:-

Ping From PCO to PC2

VIS	Time (sec)	last device
	0.000	PCO
	0.001	PO1
	0.002	Switch0
	0.003	Router 0
	0.004	Router 1
	0.005	Switch 1
	0.006	PC2
	0.007	Switch1
	0.008	Router 1
	0.009	Router 1
	0.010	Switch0

Fire	last Status	Source	Destination	Type	Color	Type(in)	Period
👁	Successful	PCO	PC2	ICMP	⬛	0.000	N

Result:

Thus Static routing configuration has been successfully run & executed