Exp No.: 11a   Static Routing Configuration

Aim:

To simulate static routing configuration using cisco packet tracer.

Procedure:

Arrange PC & Router in the manner as the image below

Assign IP address for route and PCs

Router 0 [2811]
  -> IP FE 0|0 - 192.168.1.2
         FE 0|1 - 192.168.2.3

Router 1 [2811]
  -> IP FE 0|0 - 192.168.1.4
         FE 0|1 - 192.168.3.3

PC 0
  IP - 192.168.2.7
  Gateway - 192.168.2.3

PC1
  IP - 192.168.2.3
  Gateway - 192.168.2.3

PC2
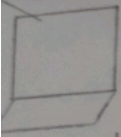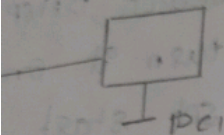 IP - 192.168.3.5
  Gateway - 192.168.3.3

PC3
  IP - 192.168.3.7
  Gateway - 192.168.3.3

Now click on Router 0, then config -> Static
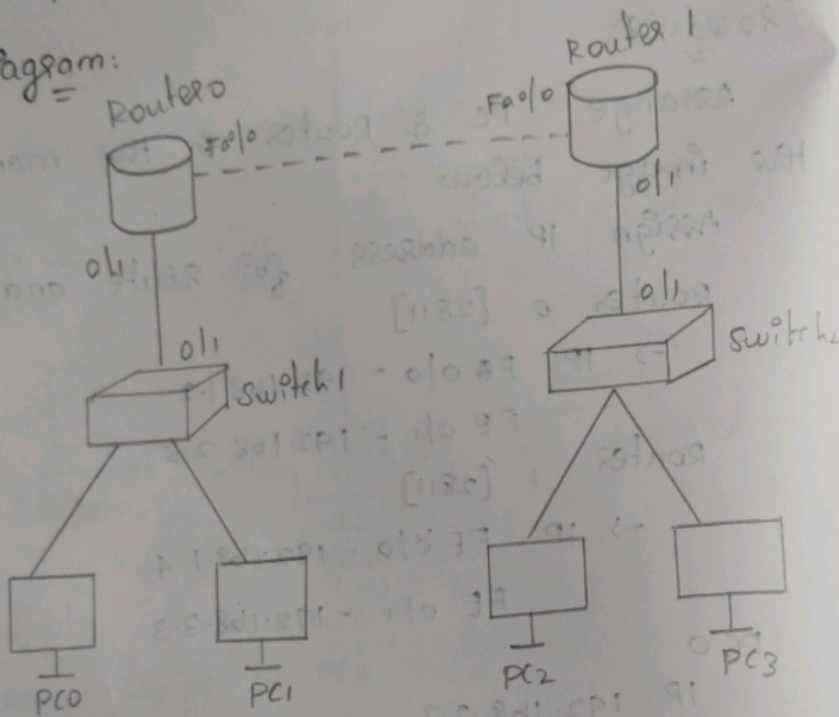   Network - 192.168.3.0
      Subnet - 255.255.255.0
      Nexthop - 192.168.1.4

Now click on Router 1, then config → static

Network - 192.168.2.0

Subnet - 255.255.255.0

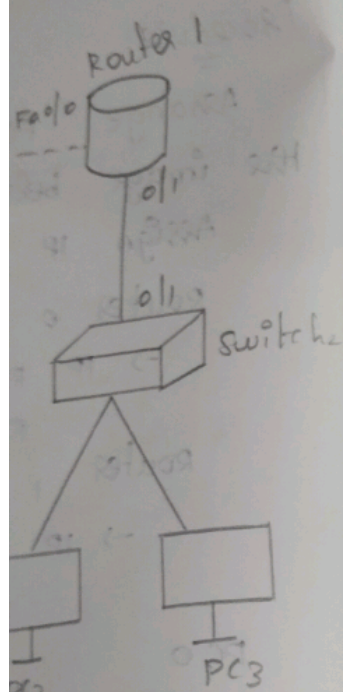Nexthop - 192.168.1.2

Diagram:

Output:

Ping from PCO to PC2

vis	Time (sec)	Last device
	0.000	
	0.001	PCO
	0.002	switch 0
	0.003	Router 0
	0.004	Router 1
	0.005	Switch 1
	0.006	PC2
	0.007	switch 1
	0.008	Router 1
	0.009	Router 2
	0.010	switch 0

Result:

Thus, the
has been success

Fire	Last Status	Source	Destination	Type	color	Type (sec)	period
⬭	successful	PC0	PC2	ICMP	■	0.000	N

Result:

Thus, the static Routing configuration has been successfully executed.