STATIC ROUTING CONFIGURATION

AIM:

To simulate static routing configuration using CISCO PACKET TRACER.

PROCEDURE:

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

ii) Assign IP Address for router & PC's router 0 [2 & 11]

→ IP FA0/0 — 192.168.1.2

FA0/1 — 192.168.2.2

Router 1 [28 11]

→ 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

iii) Now click on router 0
    then config → static
    Network - 192.168.3.0
    Subnet - 255.255.255.0
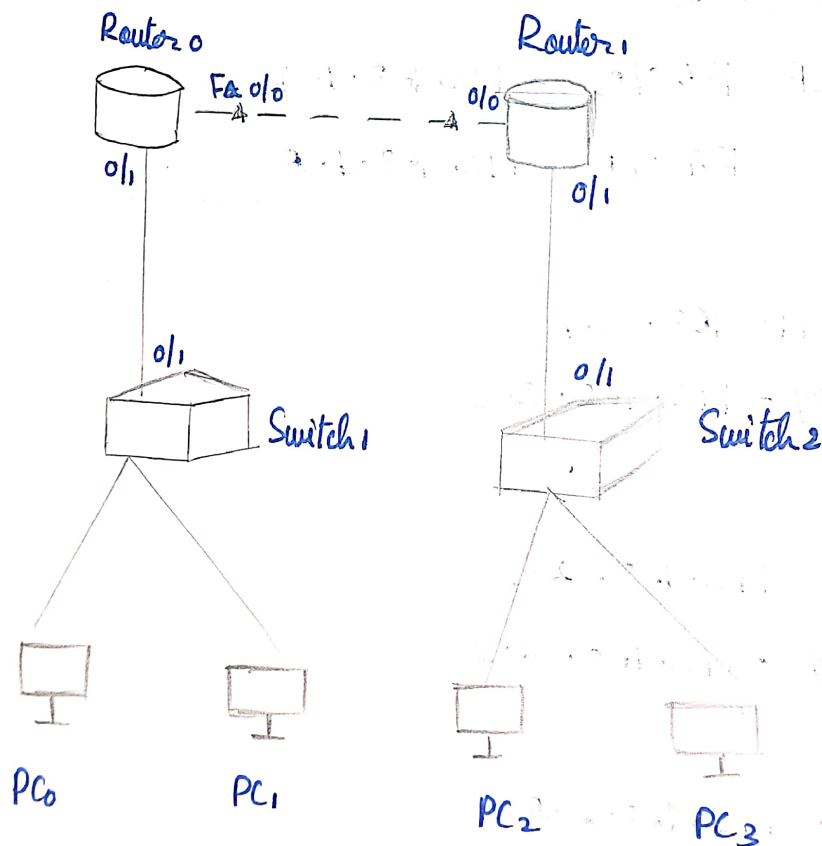   next hop - 192.168.1.4

iv) 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 PC$_2$

VIS	Time (sec)	Last Device
	0.000	- -
	0.001	PCo
	0.002	Switcho
	0.003	Routero
	0.004	Router1
	0.005	Switch1
	0.006	PC2
	0.007	Switch1
	0.008	Router1
	0.009	Routero
	0.010	Switcho

Fire	Last Status	Source	Destination	type	Colour	Type (sec)	Period
⊘	Successful	PCo	PC2	ICMP	■	0.000	N

RESULT:

Thus static routing configuration has been successfully run & executed.