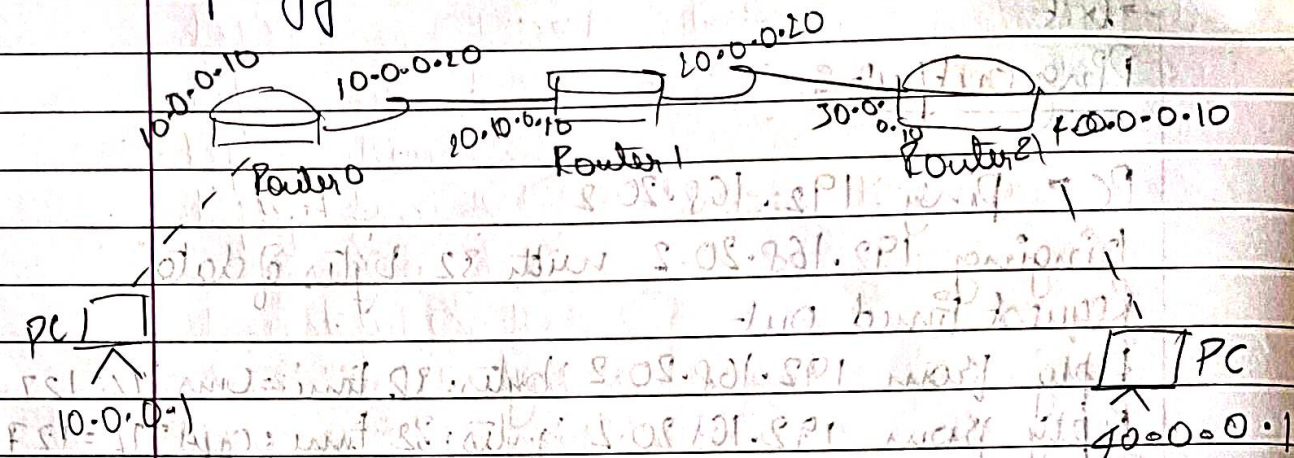


Lab-10

Aim:- Demonstrate the TTL / Life of packet.

Topology:



Procedure:

- Create a topology as shown above & configure the PCs and Routers as shown above.  
Static routing is done here.
- Go to simulation mode, send simple PDU from PC0 to PC1.
- Click on capture/forward button to run it step by step.
- View the inbound & outbound PDU details in each step by clicking on PDU.

Observation:

The TTL is reduced by one when the packet crosses every router.  
If TTL becomes 0, packet will be dropped.

Output:

4	144	DSCP: 0x0	TTL = 28
ID: 0xe		0x0	0x0
TTL: 255		PRO: 0x1	CHECKSUM
SRC IP 10.0.0.1			
DST IP 40.0.0.1			
OPT: 0x0		0x0	
DATA (variable length)			