## Program 2

**Aim:** Configure IP address to routers in packet tracer. Explore the following messages: ping responses, destination unreachable, request timed out, reply.

## **Topology, Procedure and Observation:**

```
Rawer (config) # exce.
         c 10.0.0.0/8 is directly connected, take there yo
c 20.0.0.0/8 is directly connected, take tethernee yo
     LAB-12
      ain :- congigure IP address to routes in packet thocer.
     experiment-2
        Expede une followard messages: ping responses, destination unreachable, request time out, reply.
   Topology: 30-0-0-1
                                       Rode U PT
            Ravil ex PT
      10.0.0-1
 (1) Crease a 2 network of 10.0.0. 10 and 20.0.0.0. by
    connecsing a end dervice to en nouter.
(2) fet up IP address, gate near, subset mast of soon
(3) In hardel set up its IP address (fast extrement)
(4) set up anoence network 30.0.0.0 by connecting the
   2 nowers.
   Ion
 commands: for hower in CLI.
               houses # enoble
               Acutes # config terminal
               Roules (confg) # inserface gast Esmernes 0/0.
               Rould (confy) # no lunddown.
               do the same for house 2
```

output :- Ping 20.00.1. pinging 20:0.0.1 neien 32 tryles of dasa; Reply from 20.0.0.3: Defination host unheachaste. Reply from 10.0.0.3: Destination host unhachaste Request home out. ping thanking for 20.0.0.2: Packets: Sent 24, Recioned 20, Loft 24 (1000,0 loss), Ring 20.0.0.2 pinging 20.0.0.1 with 32 bytes of data: Repey from 10.0.0.3: 00 Defination erose unheacerable Request time out. ping statics for 20.0.0.2: POCEMENTS: fent 24, Recieved 20, Logi- 24 (100 40 coss) Ping. 10.0.0.3 Pinging 10.0.0.3 with 32 byles godata. Reply from 10.0.0.3: bytes 232 sine 2 0 ms TTL2 255 n ping station for 10.0.0.3.

packets: fent = 4, recieved = 4, lose = (801. cost),

Approximate naved trip simes in mins:

Min = 0ms, max = 0ms, Aug= 0ms.

pinging 30.0.0.1 neven 32 types of doora :-Repez from 30.0.0.1: bytes = 32 mm = 0ms TTL = 225 pring statics for 30.0.0.1: packeth: fent z4, hecieved z4, lost z0 (ogo loss), Approximate round this him in mml: Minzonly Maxzonly Augzons. Ping 30.0.0.2 . Pinging 20.0.0.2 nuiter 32 bytes of dasa : Regulst time and Ping seatistics for 30.0.0.2? packet: sent z 4, heciened zo, cost z 4 (1000/0 loss), a on pirging PCO to RI , i've knows enat i've i's unabso to pring and thous the derices are not reachable should - udell'nations tod unreachable? a on pinging PCO to Fao/o post of racker the message ix pinged (pinging 10 0002) a on ping PCO to se 2/0 nouter 2, en message is not pringed .

## **Screenshots**:



