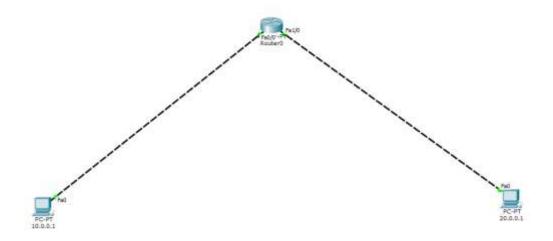
SAKSHI SUNIL HANAMSHETTI

LAB 3

PROGRAM 2:

To configure a network with gemeric router. Explain the message: Ping response, Destination unreachable, Request timed out, Reply.

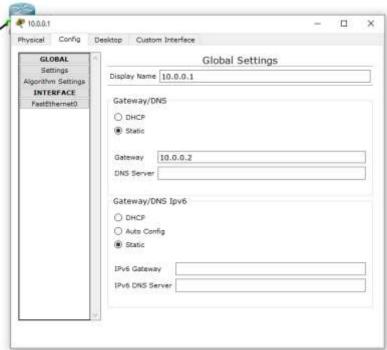
Topology:



```
Router>enable
Router#config terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface Fa0/0
Router(config-if)#ip address 10.0.0.2 255.0.0.0
Router(config-if)#no shut
```

```
Router*config terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface Fal/0
Router(config-if)#ip address 20.0.0.2 255.0.0.0
Router(config-if)#no shut
```





Result:

```
10.0.0.1
                                                                                             Х
      Physical Config
                          Desktop Custom Interface
New
         Command Prompt
                                                                                                Χ
          Packet Tracer PC Command Line 1.0
          PC>ping 10.0.0.2
          Pinging 10.0.0.2 with 32 bytes of data:
          Reply from 10.0.0.2: bytes=32 time=21ms TTL=255 Reply from 10.0.0.2: bytes=32 time=0ms TTL=255
          Reply from 10.0.0.2: bytes=32 time=0ms TTL=255
          Reply from 10.0.0.2: bytes=32 time=0ms TTL=255
          Ping statistics for 10.0.0.2:
          Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds:
              Minimum = 0ms, Maximum = 21ms, Average = 5ms
          PC>ping 20.0.0.2
          Pinging 20.0.0.2 with 32 bytes of data:
          Request timed out.
          Request timed out.
          Request timed out.
          Request timed out.
          Ping statistics for 20.0.0.2:
              Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
          PC>ping 20.0.0.2
          Pinging 20.0.0.2 with 32 bytes of data:
          Request timed out.
          Request timed out.
          Request timed out.
          Request timed out.
          Ping statistics for 20.0.0.2:
              Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
          PC>ping 20.0.0.2
          Pinging 20.0.0.2 with 32 bytes of data:
          Reply from 20.0.0.2: bytes=32 time=0ms TTL=255
          Ping statistics for 20.0.0.2:
          Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds:
              Minimum = 0ms, Maximum = 0ms, Average = 0ms
          PC>
                                                                                                         tion
```