EXPERIMENT NO: 13A

Date : 06/10/25   Implementation of Ping Program

```
import socket
import time

def ping_serve (host ='127.0.0.1', port =12345):
    with socket .socket ( socket.AF_INET ; socket.
        SOCK_DGRAM ) as s:
        try:

            s. settimeout (2)
            start =time.time()
            s.sendto (b'ping', (host, port ))
            data, addr = s. reckfrom (1024)
            end =time.time()
            print (f"Received {data. decode()}From {addr} in
                   {end - start :2f} seconds")
        except socket.timeout:
            print ("Request timed out").

if _name_ == "_main_":
    ping_server()
```

Result:

Thus the implementation of ping Program is executed successfully.