PING PROGRAM

Aim :

To implement own ping program

server . py

```
import socket
def start - server ( host = "127.0.0.1", port = 12345) :
    with socket. socket ( socket. AF_ INET, socket.
        sock - DGRM) as s :
        s. bind ((host, port))
        print (f" CDP running on {host}: {port}):

    while True :
if name == "main":
    start - server ()
```

client . py

```
import socket
import time
def ping - server ( host = "127.0.0.1", port = 12345):
    with socket. socket ( socket. AF_ INET, socket,
        sock - DGRM) as s :
        try :
            s. sent timeout (2)
            start = time. time ()

if __ name --- = "_main":
    ping - server ()
```

Output:

Python server.py
UDP server running on 127.0.0.1 : 12345
Received ping from ('127.0.0.1', 12345) in
6.00 ms

Result:

Thus the python program to implement over ping server has been implemented successfully.