26/10/24

PRACTICAL -13

AIM:

Implement your own ping program.

Server.py

```
import Socket
def start-Server (host, '127.0.0.1', port = 12345)
with Socket.Socket (Socket. AF_INET), Socket. Soch DIAGRAM) as S:
    S.bind ((host, port))
    Print ("Server running")
while True:
    data.addr = S. revform (1024)
    Print ("Received    Message)
    S.Sendto (B' Ping : addr)
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-DGH) as
    try:
        S. Sentintu (2)
        start-time  time()


if _name_ = "_main":
    Ping. Server ()
```

O/P:

Python Server.py

UDP Server running on 127.0.0.1:12345

Received message from (127.0.0.1, 53067): Ping

Python Client.py

Received ping from ("129.0.0.1", 12345) in 0.00 secon

Result:

Thus the ping program it executed & the output is verified successfully