EXNO:13 DATE: 22/10/24

## Pratical-15.

Toplement your own ping perablem.

ALMORITHM:-

1. counts and bind avop socket to a host decider side COPP)

22 sten for Encoming mustage in a loop

3. When a message is decerved echo it back to the sender.

4. Repeat.

1. recease a upp socket and set a timout. dient side (VOP)

2. Pay each Plag.

. Record the start time

· bend a Ping missage to devoces · 4 no susponse print "Request time out"

3. Repeat for a specified number of pring

SOURCECOPE:

devoces. Py

def start - server (host='127.0.0.1', Poed=12345)! imposed socket with socket . socket (Socket. AF\_INET, Socket sock : DURAH)

Perint (f"OP server lunning on front 3: Sports") 3. bire (Chart, port))

White Teme:

data, adder = 5. Electo from (1024) perind (+" Received message from sadding: Eduta. dward)

9-send AT (6' pand', adder) & - name = = " mais \_": Start\_ Server () chient Py: import socket def .ping-sources Chart = 127.0.0.1', port=12345 Ampout time ass: truy: settimeoud (2) stoot = stime. stime() S. Send to (b'Ping', (host, port)) dato, adder = S. suces ferom (1024) Print Ct "Received & data decode & ferom foodday in Send - start :, 2 f g seconds") except socket . timeout Perint (" request time out") 4- name \_ == 11 mais ": Ping Server() UPP servor Running on 127.0.0.1: 12345 Roceived musage from (127.0.0.1, 54-T16): Ping OUTPUT Received message from (127.0.0.1,480 76): Ping Received mussage from (1/29.0-0.1, 48702): Ping. 20-Thus ping peroegeram is implemented RESULT: and Executed successfully.