23/10/24

PRACTICAL - 13 .

AIM: Implement your own ping program

SOURCE CODE:

Berver. Py.

import saket

def start - server (host = 1122.0.0.1)

port = 12345):

with socket . socket I socket . AF-INET,

socket : SOCK _ DGRAH) as s.

8. bird ((host, port))

point (f" UDP server running on

{ host 'g: { port g)

while true

data addr = 8. recvfrom (1024)

pour (fre Received message from

Sodder ?. Solda decode()?")

S. send to (bipong, odder)

if - rame - =="-main - ":

Start - Server ():

import socket import time def ping-server (host = 1 127.0:0.1) port = 12345): with socked . socket (socket. AF-INET) socket SOCK L. DGRAH) as S: 8. settimeout (2) Start = time. time () Is. send to (b' Ping', (host, port)) month blexcept socket time out? (paint (" Request time · oud !!). if (-rame) __ == == " == main __": 11-01-Ping - Berver() Dutput: Python server py unning on 127.0.0.1:1238 Recieved Message from (124.0.0.1/5300) python dient : Py Recieved Pong from [127.0.0.1/112345]in rus the program is successfully

executed and output is venified in

4 - 12-11-11