**Aim:-**

To implement your own ping program

**STEPS PROGRAM:**

1) Import sys.
   from socket. Import $
   ECHO - PORT = 55555.
   BUFSIZE = 1024.
   S= SOCKET (AF- INET, SOCK - DGRAM)
   S. bind (''', ECHO - PORT).
   print ("udp server echo ready")

co Lib 1:
   data (addr = S. serv form (BUFSIZE)
   S. send to ( data. addr).


import sys
from socket import *.
import time.
Staot = time time ().
ECHO. Port = 55555.
BUFSIZE = 1024.
host = "172. 168. 8 101"
addr = host, Euto- Port.
S= Socket (AF_ NET, sock - PGRAM)
while 1
   line= sys. stdin. read line ()
if not line.
   break :

```
S. Sendto (Cne. encode). cddr).
data. addr = S. recvform (BUDSize)
print (: Client received % r from -1.v:
%. (data. fromcddr).
end = time. time ().
rt = . abs (star-end).
print (" R * * ).


OUTPUT :


udp echo client ready , reading s9bn.
client received from 127.0.0.1
udp server is ready.
server received from 172.168.10.1
```

Result:-

Thus the pirg program has been
executed Successfully.